UNIVERSITY OF ALBERTA

ADAPTIVE SIGNIFICANCE OF POLYPLOIDY AMONG *ANTENNARIA* (ASTERACEAE: GNAPHALIEAE) IN THE LOW ARCTIC OF NORTHWESTERN NORTH AMERICA

BY

CYNTHIA ELAINE LOGAN ©

A thesis submitted to the Faculty of Graduate Studies
and Research in partial fulfillment of the requirements
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in

Plant Ecology

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C. Elaine Logan

15216 - 74 Street
Edmonton, Alberta
T5C 0Y7

Date: August 30, 1995

UNIVERSITY OF ALBERTA

FACULTY OF GRADUATE STUDIES AND RESEARCH

The undersigned certify that they have read, and recommend to the Faculty of Graduate Studies and Research for acceptance, a thesis entitled **Adaptive significance of polyploidy among *Antennaria* (Asteraceae: Gnaphalieae) in the low arctic of northwestern North America** submitted by **Cynthia Elaine Logan** in partial fulfillment of the requirements for the degree of **Master of Science** in **Plant Ecology**.

Randall J. Bayer
Dr. R. J. Bayer (Supervisor)

Mark R. T. Dale
Dr. M. R. T. Dale

Donald J. Pluth
Dr. D. J. Pluth

Date: August 28, 1995

DEDICATION

This thesis is dedicated to the memory of my father-in-law, Dellis Thompson Gordon. This gentle person lived his life loving all things with a special joy and closeness to nature. I am thankful to have had the honour to know and love him.

ABSTRACT

The sites of sixty two populations of *Antennaria* from the low Arctic of northwestern North America were sampled to test whether related diploid and polyploid plants share similar habitats, to determine the correlation between genetics and habitat, and to compare ploidy distribution on glaciated and unglaciated sites. Seven taxa were examined including three amphimictic diploids, *Antennaria friesiana* ssp. *alaskana*, *Antennaria monocephala* ssp. *monocephala* and *Antennaria densifolia*, two apomictic tetraploids, *Antennaria friesiana* ssp. *friesiana* and *Antennaria monocephala* ssp. *angustata*, one amphimictic tetraploid, *Antennaria friesiana* ssp. *neoalaskana*, and one apomictic allohexaploid, *Antennaria alpina*. Species abundance together with site and soil data were analysed by Canonical Correspondence Analysis. Species associations were determined by factor analysis, and discriminant analysis was performed to determine *a posteriori* site classification. Ecological similarities between subspecies support the contention that non-hybrid polyploids will not occupy niches that are greatly distinct from their diploid progenitors but the allopolyploid taxon occupied sites which were similar to its progenitors and also some sites which were different. Although amphimictic taxa were found to occupy the most ecologically diverse sites, the most genetically distinct taxon, *A. densifolia*, was found to be the most ecologically restricted. Habitat similarities support previous isozyme studies which indicated that *A. monocephala* ssp. *monocephala* and *A. friesiana* ssp. *friesiana* are related. Within the study area, diploid populations were evenly distributed over glaciated and unglaciated areas while polyploid populations were located most often on glaciated terrain, suggesting that diploid populations may have expanded into previously glaciated areas prior to the occurrence of polyploidy, or alternatively, polyploidy occurred at the periphery of diploid populations and it was these polyploid populations which expanded to exploit glaciated areas.

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1.0 INTRODUCTION

The evolutionary importance of polyploidy has long been universally recognized and accepted (Giles, 1942; Johnson and Packer, 1965; Allendorf, 1979; Levin, 1983). Many Pteridophytes and Bryophytes have polyploid cytotypes (Stebbins, 1950; Braithewaite, 1964; Haufler and Windham, 1985), suggesting that this phenomenon appeared relatively early in the history of land plants (Stebbins, 1950). Approximately 70% of herbaceous angiosperm taxa also have polyploid cytotypes or are thought to have undergone polyploid events (Stebbins, 1950; Stebbins, 1985), but polyploidy is rare among gymnosperms and woody angiosperms (Stebbins, 1950).

While many aspects of polyploidy are still controversial, some theories are now widely accepted. One of the most important accepted theories is that polyploidy is a factor in speciation (Stebbins, 1950; Levin, 1983; Stebbins, 1985; Brochmann, 1992; Brochmann and Elven, 1992; Thompson and Lumaret, 1992). Within the Poaceae alone, it is likely that up to 80% of the species have undergone polyploidization (Stebbins, 1985).

1.1 *The Origin and Characteristics of Polyploidy*

Polyploidy was known to be widespread among angiosperms (Stebbins, 1950), amphibians and fish for many years before the mechanisms which give rise to it were determined (Harlan and DeWet, 1975). Although meiotic aberration had been suggested as a means of producing unreduced gametes, the most prevalent theory prior to 1927, was one proposed by Ö. Winge (Harlan and DeWet, 1975). He suggested that unpaired chromosomes doubled following zygote formation in hybrids. In other words, hybridization occurred first, followed by chromosome doubling. However, Karpechenko (1927), clearly demonstrated through intergeneric crosses between *Raphanus* and *Brassica* that polyploidy arose from unreduced gamete formation due to aberrations during meiosis. This was supported by Buxton and Newton (1928) in studies involving hybrids produced by artificial crosses of *Digitalis ambigua* and *D. purpurea*. The basic theory of Ö. Winge was essentially correct, but it was now known that the timing of the chromosome doubling usually precedes zygote formation.

Characteristically, polyploid plants are larger and more robust than their diploid progenitors (Giles, 1942; Yen and Kimber, 1990). Studies have suggested that polyploids are more resistant to extreme temperatures and drought, thereby allowing them to invade and colonize new habitats (Giles, 1942; Lewis, 1973; Brochmann, 1992; Brochmann and Elven, 1992). Octoploid species of *Fragaria* have been found across a broad range of environments (Hancock and Bringhurst, 1979) and numerous significant associations were found between environmental conditions and plant traits (Lewis, 1973; Farris and Schaal, 1983). These associations may be attributable to ecotypic differentiation affecting water uptake, photosynthetic capacity, reproduction and resource allocation (Hancock and Bringhurst, 1979; Levin, 1983).

Until 1965, it was thought that the incidence of polyploidy was linked with latitude because of the higher frequencies of polyploidy among northern plant species. However, Johnson and Packer (1965) found that populations of diploid species in the Ogotoruk Creek region in Alaska were established in habitats that are warmer and drier than those which support polyploids. They suggested that most of the diploids were found in older, unglaciated sites while polyploids were largely found in glaciated areas. This is supported by the findings based on chromosome counts by Gillet (1954), Alava (1959) Raven and Kyhos (1961), Strother (1972), Keil and Pinkava (1976) and (Mosquin, 1964). Studies have also found that most plants in areas of high altitude and latitude are herbaceous perennials (Stebbins, 1950; Johnson and Packer, 1965) and that annual plants are relatively insignificant in more northern latitudes (Hultén, 1937). In Europe, polyploidy is far more common in northern latitudes than in corresponding latitudes in North America (Giles, 1942; Stebbins, 1950; Packer, 1969). This has been explained both by the glaciation record of the Pleistocene and the geography of both areas. Mountain ranges in Europe are situated generally east and west and form an effective barrier to plant species' migration during advancing glaciation. This, together with the lack of areas of refugia resulted in vast extinction of species during Pleistocene glaciation events (Hultén, 1937; John, 1977). In North America, however, the mountain ranges generally run north and south and allowed plants to migrate south during the increasing cold periods of Pleistocene and then to return north when the climate warmed and the glaciers diminished in size thereby opening new habitats (Mosquin, 1964; John, 1977). These areas could then be exploited more easily by polyploids than the diploids which were established in more stable ancestral areas (Giles, 1942; Mosquin, 1964; Johnson and Packer, 1965).

1.2 *Polyploidy and Speciation*

Most authors agree that polyploidy leads to speciation (Stebbins, 1950; Levin, 1983; Brochmann, 1992; Brochmann and Elvin, 1992; Thompson and Lumaret, 1992), although the actual timeframe varies widely. Instantaneous sympatric speciation may be possible for allopolyploids (Abdel-Hameed and Snow, 1972) and amphimictic autopolyploids. For speciation to occur, polyploids must overcome several genetic problems which puts them at a disadvantage compared with their diploid parents. Initially, after a polyploid event the numbers of polyploids in a population will probably be very low (Giles, 1942; Fowler and Levin, 1984; Thompson and Lumaret, 1992). This requires polyploids to pass through a genetic bottleneck and a lengthy period of vegetative or apomictic reproduction may be necessary (Lewis, 1973; Cronquist, 1978; Levin, 1983; Thompson and Lumaret, 1992). This requirement may explain why, in nature, polyploidy appears to be relatively rare among annual plant species (Stebbins, 1950).

Although polyploid pollen appears to be a poor competitor with haploid pollen (Levin, 1983), polyploid plants themselves appear to be successful competitors. High levels of heterozygosity in polyploids may provide the ability to invade new habitats (Bayer, Purdy and Lebedyk, 1991; Brochmann and Elvin, 1992). Many occupy a wider range of environments than their diploid progenitors (Bierzychudek, 1989; Brochmann and Elven, 1992) although phenotypically they may be less plastic compared with diploids (MacDonald, Chinnappa and Reid, 1988). Polyploids are often found on the periphery of diploid populations (Lewis, 1973). Peripheral regions could be expected to be somewhat less than ideal due to limited resources and in these situations, gene flow is unidirectional toward the periphery. However, to be successful, polyploids must possess the ability to invade and survive in these alien territories (Levin, 1983). Furthermore, to increase in numbers, they must not only survive on the periphery, but be able to invade new territory and exploit resources not available to diploids (Lewis, 1973). While diploid seeds appear to have higher germination success than polyploids under mesic conditions, seeds of polyploids seem to be more capable of withstanding drought than diploids (Hacker, 1988). Perhaps multiple sets of genes allow for more variable enzyme production, particularly for those enzymes coded by multiple loci (Allendorf, 1979; Lewis, 1980; Levin, 1983; Bayer et al., 1991; Brochmann and Elven, 1992).

1.3 *Concept of Niche*

The term 'niche' is defined as the limits, for all important environmental features, within which individuals of a species can survive, grow and reproduce (Begon, Harper and Townsend, 1990). To be successful, an individual must not only survive long enough to reproduce (Sultan, 1987; Begon et al., 1990), it must also provide its offspring with the genetic capabilities to compete for a share of available resources to satisfy all its metabolic and reproductive requirements. By passing on at least part of its genetic complement to offspring, an individual contributes to the gene pool of the population of which it is a member (Maguire, 1973; Sultan, 1987).

Genetic inheritance, therefore, determines an individual's ability to respond to all or at least most combinations of the biotic and abiotic factors surrounding it (Axelrod, 1948; Lewis, 1973; Gottlieb, 1977; Garbutt, Bazzaz and Levin, 1985; Sultan, 1987). The pattern of this response is known as the individual's 'niche' (Begon et al., 1990). The pattern of the population's, or even the entire species', response to these factors is the population 'niche', or species' niche. (Maguire, 1973; Begon et al., 1990)

The term 'niche' has also been described by Hutchinson as ecological characters each represented by an axis in one dimension, the length of the axis depending on the importance of the character (Maguire, 1973). Given that any environment is a combination of many factors, this would result in an N-dimensional hypervolume of biotic and abiotic factors. From this concept, models of "niche" have been described theoretically and mathematically (Maguire, 1973).

Few, if any, organisms live in an ideal habitat (Begon et al., 1990). Therefore, the ability to adapt to given external situations would give an ecological advantage to those able to exploit a particular resource and to compete with neighbouring organisms for that resource thereby inferring a biological advantage as well (Jain and Martins, 1979; Sultan, 1987; Begon et al., 1990).

The manner in which individuals within a population partition the population's niche amongst themselves has received relatively little attention (Garbutt, Bazzaz, and Levin, 1985). It has been proposed that the internal structure of a population affects its range or niche breadth (Mosquin, 1964; Maguire, 1973) and is related to individuals' performance (Van Valen, 1965; Sultan, 1987; Begon et al., 1990). Several studies have demonstrated that within species, distribution may be largely dependent on variation of genotype (Mosquin, 1964; Maguire, 1973; Garbutt et al., 1985; Begon et al., 1990). For example, some populations of dandelions have been found to consist predominantly of two genotypes, one of which is established on disturbed sites and the other established on stable sites (Solbrig and Simpson, 1974; 1977). Also, selected lineages of *Amaranthus retroflexus* with either a fast or slow Pgi allele and differences in fitness characters had different responses on a moisture gradient (Zangerl and Bazzaz, 1984). One lineage predominated in wet conditions and the other in mesic and dry conditions. In natural populations, both homozygous forms are maintained, suggesting a between-genotype component of the niche (Mosquin, 1964; Garbutt et al., 1985). There is plentiful evidence of ecological, morphological, and genetic polymorphisms associated with readily quantifiable environmental heterogeneity (Farris and Schaal, 1983), suggesting that genetic variation is important in determining the population's niche breadth (Lewis, 1962, Maguire, 1973; Garbutt et al., 1985; Begon et al., 1990).

The most important aspect of speciation may be that it is a process involving populations rather than individuals in that the gene pool of a whole population serves as the material basis of evolution (Stebbins, 1950). A local gene complex can become modified by genetic processes so as to increase or decrease the ecological tolerance of the population of which it is the genetic basis (Lewis, 1973). After dispersal, plants must live, or die, in the conditions where they settle and germinate (Begon et al., 1990). Because of lack of mobility, plants must match themselves to their environment in contrast with mobile organisms which match their environments to themselves (Begon et al., 1990). In this way, specialized populations based on locally favoured genotypes develop within species. Many specialized populations evolved geographical races adapted for the locally most abundant or other most satisfactory ecological niche (Begon et al., 1990; Doyle and Doyle, 1988).

Clearly, geographic and geological factors are important influences on the morphology and number of species which are able to exploit a given area (Mayr, 1947; Gottlieb, 1977; Sultan, 1987; Bazzaz, 1991). Ecological speciation is described as that differentiation which has taken place during isolation of extreme variants (Gottlieb, 1977) which could not survive in the parental microhabitat, but which are able to take over a microhabitat not compatible with the parental morphology and ecology (Mayr, 1947; Lewis, 1973). Anderson (1948) proposed that F_1 hybrids are genetically intermediate between the parents (Stebbins, 1953; Doyle and Doyle, 1988), as uniform as they are, and usually more robust in nature. The F_2 generation, on the other hand, is extremely variable (Anderson, 1948; Stebbins, 1953) and each individual may require its own peculiar habitat. Therefore the number of different types of habitats required will rise exponentially with the number of basic differences between the species. If this is the case, hybridization would not be favoured beyond the F_1 generation due to the numbers of habitats needed to maintain such a hybrid population (Anderson, 1948).

The characteristics of a habitat may determine the species or individuals that actually occupy an area (Axelrod, 1948; Begon et al., 1990; Bazzaz, 1991). If a species occupies a species rich habitat adjacent to a species poor one, it has the option of two evolutionary strategies (Terborgh, 1973): it may evolve improved competitive ability within its habitat and increase in density, or it may expand into the adjacent habitat (Axelrod, 1948; Lewis, 1962; Lewis, 1973) and exploit a habitat with reduced competition (Begon et al., 1990). However, extinction is high for peripheral species (Lewis 1962; Lewis, 1973) and most do not survive long enough to reinvade a core habitat (Terborgh, 1973). In the investigation of island floras, Carlquist (1966) gives convincing evidence that evolution under conditions of isolation and reduced species density usually leads to a loss of competitive ability. If so, then reinvasion is unlikely and genetic change to adapt to new conditions is an ecological advantage.

2.0 OBJECTIVES

Little work has been undertaken which utilizes modern statistical analyses to explain the adaptive significance of polyploidy (Bayer, Purdy and Lebedyk, 1991). A need for this has been stressed by some workers (Stebbins, 1984; Ehrendorfer, 1980). The importance of ecological factors, including niche divergence and factors delimiting the relative distribution of diploids and polyploids has also been emphasized (Fowler and Levin, 1984; Bayer, Purdy and Lebedyk, 1991).

2.1 *Purpose for this Investigation*

The purpose of this investigation is to use multivariate analysis to compare habitat diversity of related diploid and polyploid members of a group of plants in relation to biotic and abiotic variables, including distributions of each cytotype in glaciated and unglaciated habitats. The frequencies of the diploid populations should be higher in unglaciated areas and populations of polyploid members of this group should be found more often in more recently disturbed, glaciated areas (Stebbins, 1950; Johnson and Packer, 1965; Packer, 1969; Lewis, 1973).

Another recent study involved a group of related sexual diploid *Antennaria* and their allopolyploid derivative, *Antennaria rosea* (Bayer, Purdy and Lebedyk, 1991). The results of that study gave evidence that each diploid species within this complex occupied a distinct niche while the polyploid derivative acted as a "fill-in" taxon occupying a niche similar to its sexual progenitors but also occurring on sites which fell in between those of the sexual species. This current investigation will attempt to test and expand these findings.

The plants involved in this investigation are seven closely related taxa in the genus *Antennaria* Gaertn. (Asteraceae: Gnaphalieae) (Table 1). Studies of allozymic and morphometric variation of six of the seven members of this group were completed in 1991 (Bayer, 1991). Therefore, in addition to testing current ecological theories of polyploidy, this project will also attempt to contribute knowledge of the influence of genetic variation on habitat adaptability within this group of *Antennaria*.

2.2 *Taxonomy*

The taxonomy and distribution data of this group follows Bayer (1993) based on his extensive work in delimiting the genetic and morphometric relationships within this genus. Two of these species, *Antennaria friesiana* (Trautv.) Ekman and *Antennaria monocephala* DC. have diploid cytotypes, *Antennaria friesiana* ssp. *alaskana* (Malte) Hult. and *Antennaria monocephala* ssp. *monocephala* respectively (Bayer, 1993). Each of these diploid subspecies is thought to have given rise to one or more polyploid derivatives. *Antennaria friesiana* ssp. *alaskana* is thought to have given rise to an apomictic autotetraploid, *Antennaria friesiana* ssp. *friesiana*, and an amphimictic allotetraploid, *Antennaria friesiana* ssp. *neoalaskana* (A.E. Pors.) Bayer and Stebbins (Bayer, 1993) (Table 1). For simplicity, these three taxa will collectively be referred to as the *A. friesiana* complex. *Antennaria monocephala* ssp. *monocephala* is thought to have given rise to one apomictic autotetraploid, *Antennaria monocephala* ssp. *angustifolia* (E.L. Greene) Hult (Bayer, 1993) (Table 1). These two taxa will collectively be referred to as the *A. monocephala* complex. The other two species in this study are an amphimictic diploid, *Antennaria densifolia* A.E. Pors. and an apomictic allohexaploid, *Antennaria alpina* (L.) Gaertn (Table 1). *Antennaria alpina* is an agamic complex thought to be of hybrid origin among the diploids *A. aromatica, A. densifolia, A. friesiana* ssp. *alaskana, A. media, A. nordhagiana,* and *A. monocephala* ssp. *monocephala* (Bayer, 1987).

While some *Antennaria* species occur throughout the northern hemisphere, this particular group of *Antennaria* is largely restricted to alpine and arctic habitats in western North America. *Antennaria friesiana* ssp. *alaskana* is widely distributed in Alaska, and Cordilleran areas of northern Yukon and adjacent Northwest Territories (Bayer, 1991a), while its polyploid derivative, *A. friesiana* ssp. *friesiana* is almost circumpolar. *Antennaria friesiana* ssp. *neoalaskana* is found from the eastern Brooks Range, Alaska, to the Richardson Mountains and into the central MacKenzie Mountains, on the Yukon-Northwest Territories boundary (Bayer, 1991a). Both subspecies of *A. monocephala* occur in Alaska south of the Brooks Range, and in the Yukon and adjacent Northwest Territories (Hultén, 1968; Bayer and Stebbins, 1993). *Antennaria monocephala* ssp. *angustata* is also distributed across the Canadian Arctic into Greenland and the western Cordillera into Montana and Wyoming (Bayer and Stebbins, 1993). *Antennaria densifolia* is restricted to three mountain ranges, the MacKenzie, Richardson, and Ogilvie Mountains in the Yukon and Northwest Territories, and a single disjunct population in Montana, while *A. alpina* is circumpolar (Bayer and Stebbins, 1993).

3.0 METHODS

Potentially suitable sites for sampling were identified from herbarium records at ALTA. In addition, some of the collection sites which were used for the allozymic and morphometric study involving this group (Bayer, 1991) were located and resampled for this study. Figures 1-4 provide maps showing the locations of sample sites. A total of 55 locations were sampled including the following: 21 *A. friesiana* ssp. *alaskana* sites (Figure 1); 17 *A. monocephala* ssp. *monocephala* sites (Figure 2); three *A. densifolia* sites (Figure 3); 12 *A. friesiana* ssp. *friesiana* sites (Figure 3); two *A. monocephala* ssp. *angustata* sites (Figure 3); one *A. friesiana* ssp. *neoalaskana* site (Figure 3); six *A. alpina* sites (Figure 3). Figure 4 represents locations of the sites with two taxa present. These include the following: one site with both *A. monocephala* ssp. *monocephala* and *A. friesiana* ssp. *alaskana*; two sites with both *A. monocephala* ssp. *monocephala* and *A. alpina*; three sites with both *A. monocephala* ssp. *monocephala* and *A. friesiana* ssp. *friesiana*; one site with both *A. friesiana* ssp. *alaskana* and *A. monocephala* ssp. *angustata*. When individual taxa are considered, the total number of samples is 62.

3.1 *Vegetation Sampling*

At each site three 5-meter transects were placed randomly on the ground. Vegetation inventory was recorded together with the relative abundance of each species estimated by visual vertical projection of the proportion of the total ground area covered by all individuals of each species present within a 10 cm^2 quadrat. The quadrats were placed contiguously along each of the transects for a total of 150 quadrats sampled at each site.

Living specimens of each *Antennaria* taxon were collected at each site for the purpose of ploidy determination. Soil was removed from the roots and replaced by moist *Sphagnum* to ensure sterility of the growing medium as required for transport across an international boundary. Each plant was separately potted and maintained at 4^0 C for transport back to the University of Alberta. There they were repotted in sterilized soil and maintained in controlled environment growth chambers.

Voucher specimens of each *Antennaria* taxon present at each site were pressed and deposited at ALTA. Plant species occurring within each quadrat were identified and recorded at each site. Unidentified plant species were pressed and brought back to the University of Alberta for identification.

Where possible, all plants were identified to the level of species. However, due to lack of flowering material and difficulty in identification of some taxa, it was necessary to group some related taxa either by genus or by assigning a common name. These included *Carex*, *Salix*, and *Taraxacum*. All members of the Poaceae were grouped as "Grasses" and all Bryophytes and lichens were grouped as a single taxon under the term "Cryptogams". Names of all plant species, including grouped taxa, are listed in Appendix A. Bare ground, defined as rock and soil, was included as a separate pseudospecies to distinguish it from dead vegetation.

3.2 *Environmental Sampling*

For each site, latitude and longitude were recorded from the relevant topographical map. Altitude was recorded from a calibrated altimeter and confirmed from the relevant topographical map. A clinometer was used to determine slope and a compass corrected for declination was used to determine aspect. Aspect was then converted into azimuth degrees using the method of Beers et al. (1966).

Soil samples were collected at three random places along each transect. These were mixed into a single sample. A slurry of soil and dH_20 was prepared at the sample site and pH was recorded from a hand held digital pH meter. The rest of the soil was air dried and brought to the laboratories of Alberta Agriculture, Edmonton, Alberta, for chemical and mechanical analyses. Soil temperature (^{0}C) was measured at 1cm and 10cm below the soil surface, and soil unconfined strength (kg/cm^2) was determined by a flat point CL-700 pocket soil penetrometer manufactured by Soiltest Inc. Soil analyses were carried out at the Alberta Agriculture Soils Laboratories using standard protocols (Alberta Agriculture Soils Manual, 1993). These analyses included Zn (ppm), Cu (ppm), Mn (ppm), Fe (ppm, B (ppm), NH_4 (ppm), NO_3 (ppm), PO_4-P (ppm), Na (ppm), K (ppm), SO_4-S (ppm), Ca (Meq/100 g), Mg (Meq/100 g), Na (Meq/100 g), K (Meq/100 g), Exchangeable Cations (Ms/cm), Organic matter (%), Sand (%), Silt (%), Clay (%).

Meteorological data were not included in this study because the distances between weather stations were considerably greater than the distances between sites. Past glaciation of each site was determined from the map of The Geological Survey of Canada (1984).

3.3 *Cytology*

Root tips were harvested and prepared for cytological examination by soaking in Colchicine for 8 hours at 4^{0}C and then placed in Östergren and Heneen's fluid overnight also at 4^{0}C (Östergren and Heneen, 1962). They were then heated to and maintained at 60^{0}C for 10 minutes and rinsed twice in dH_20. The root tips were transferred into Feulgen stain (leuco-basic fuchsin) for 30 minutes, after which the solution was suctioned off and replaced with fresh Feulgen stain. After a further 2.5 hours in stain, they were transferred into individual watchglasses containing diluted pectinase and left in this solution for 25 minutes. To preserve the prepared root tips, they were frozen in 45% acetic acid (Östergren and Heneen, 1962). Squashed root tips were wet mounted and examined under a Zeiss phase contrast microscope and chromosome counts were recorded to confirm ploidy level (Appendix B).

3.4 *Data Analyses*

Initial (exploratory) data analysis was carried out by the Canonical Correspondence Analysis option of the CANOCO program (Ter Braak, 1986). For each site, the total percentage cover of each plant species for all 150 quadrats was averaged resulting in a single value for each species as required by CANOCO. At each site, one measurement of each environmental variable was recorded. Therefore, the environmental variables were already represented as a single value.

For each ordination, the co-ordinates of the species scores and environmental scores generated by CANOCO, are given in two separate scales with the environmental scores restricted between -1.0 and 1.0 on both X and Y axes. To generate a graph depicting these scores, it is necessary that one set of scores be standardized with the other. The species scores were standardized with the environmental scores by dividing each of the species scores by the absolute value of the highest species score. Graphs of the first two axes were generated by SigmaPlot 5.0 Scientific Graph System program of Jandel Scientific Corporation (Norby, Rubenstein, Tuerke, Schwallie Farmer, Forood and Bennington, 1992).

CANOCO uses a combination of ordination and multiple regression based on the species and environmental data (Ter Braak, 1986, 1988; Palmer, 1993). By inserting the regression model in the ordination model, the ordination axes appear in order of the variance explained by linear combinations of the environmental variables (Ter Braak, 1986; Verwijst, 1988). Therefore most of the variance is explained on the first two axes. Detrending is unnecessary because these data are already constrained to be linear combinations of environmental variables (Ter Braak, 1986, 1988).

After multiple iterations of the algorithm, the most important environmental variables are identified and it is these which are used in the ordination. Therefore, each time parameters are removed, the significance of the remaining variables changes accordingly.

The biplot generated by each ordination depicts each environmental variable as a vector radiating from the origin (Ter Braak, 1986, 1988). Interpretation is based on the length of the line and its direction and position relative to the X and Y axes of the graph (Figure 5). The lines for the environmental variables are positioned so that the head of the line for an environmental variable depends on the eigenvalues of the axes (Ter Braak, 1986; Gignac & Vitt, 1990) and the intraset correlations of that environmental variable with the axes. Each line determines a direction or axis in the diagram, which is obtained by mentally extending the line in both directions (John, 1989; Bayer et al., 1991). The length of each line is proportional to the rate of change in the weighted average inferred from the biplot and is a measure of how much the species' or sites' distributions differ along that environmental variable. Therefore, important environmental variables are represented by longer lines than less important environmental variables (Ter Braak, 1986, 1988; Gignac & Vitt, 1990). Using Figure 5 as an example, magnesium, boron and slope are represented by the longest lines and therefore have the greatest rate of change.

The centroid of each species/site score is represented by a point or symbol on the graph (Gignac & Vitt, 1990). Co-ordinates of the centroid are calculated from the eigenvalue for each species/site. To interpret species/site scores, a perpendicular line is mentally drawn from each species/site centroid to each line representing an environmental score (Ter Braak, 1986). It is this point of intersection which represents each species or site relative to the other species/sites along the axis representing the environmental variable (John, 1989; Bayer et al., 1991). The lines may be mentally extended in both directions where necessary to accommodate the variation of all the species/site scores (Ter Braak, 1986). In Figure 5, the three *A. densifolia* sites are located on soils with relatively high magnesium content and low boron content, while two sites for *A. alpina* are located on very steep slopes. In this way, patterns of variation in community composition are detected and explained by the environmental variables (Ter Braak, 1986, 1988; Gignac & Vitt, 1990). Sites which are environmentally similar will tend to cluster in groups along the axes representing each environmental variable.

The data set was ordinated in five separate ordinations. Three of these ordinations were based on five common environmental variables identified as significant for all the taxa involved and two separate ordinations were based on those environmental variables identified as significant for each of the *A. friesiana* and *A. monocephala* complexes respectively.

Initially, the most important environmental variables common to all the sites and all plant species were determined. Using these common environmental variables, three comparisons were made. The first ordination included all 55 sites with these environmental variables (Figure 5). Then the same environmental variables were ordinated separately with only the sites of the *A. friesiana* complex (Figure 6(a)) and again with only the sites of the *A. monocephala* complex (Figure 6(b)). This allows a visual comparison of the similarities and differences between all the sites occupied by all seven *Antennaria* taxa included in this study and the importance of each environmental variable to each taxon. This initial ordination is also useful in comparing characteristics of glaciated and unglaciated sites. Because significance of variables changes when parameters (sites) are removed, separate ordination of each diploid/polyploid complex based upon common environmental variables should indicate the importance of these environmental variables to each of these groups. The centroid for each site along the environmental axes will shift according to the importance of that environmental variable and the species present at each site. In this way, a common basis may be established for comparison of the habitats for all taxa involved in this investigation.

While it is important and useful to compare the sites of all the taxa and each diploid and polyploid complex based upon common environmental variables, it is also essential to identify the environmental variables which are significant to each of the *A. friesiana* and *A. monocephala* complexes and ordinate each of these groups separately (Figures 7 and 8) to visualize similarities and differences between sites of each diploid progenitor and its polyploid derivative(s). Also, comparing biplots of both these ordinations will clarify similarities and differences of habitats between these two complexes (Figures 7 and 8).

Graphical representation of glaciated and unglaciated sites with respect to distribution of diploid and polyploid populations involves an ordination based upon all the taxa and significant environmental variables. Utilizing the biplot of the initial ordination (Figure 5) the sites are delimited by cytotype instead of by taxon and therefore represent the sites of diploid and polyploid *Antennaria* populations (Figure 9(a)). The sites are also graphically represented to compare common environmental variables between disturbed (glaciated) sites and undisturbed (unglaciated) sites (Figure 9(b)). Because of the crowding due to the number of sites, the diploid and polyploid populations are depicted separately to clarify these comparisons (Figure 10 (a) and (b)).

Discriminant analysis is a multivariate approach to pattern recognition and interpretation (Williams, 1983). Data consist of observations for which there is a grouping index and an associated vector of measurements (Williams, 1983). While CANOCO uses linear functions or canonical variates, discriminant analysis is based on measurement values or predictive discriminant analysis, and the prediction equations are known as classification or discriminant functions (Williams, 1983). Like CANOCO, the statistical structure involves a mixture of distinct populations and samples randomly selected from these populations together with habitat variables measured on each sample plot. Each plot then has associated with it an index of species utilization which partitions habitat variables into specific habitats with individual distributions. In this way, discriminant analysis highlights among-group differences in these distributions (Williams, 1983). Confirmatory data analysis was performed by the discriminant analysis option of SPSS (Noruvis., 1988) to determine the average scores of the environmental variables and *a posteriori* site classification for each *Antennaria* taxon (Table 4).

The factor analysis option of SPSS (Noruvis, 1988) was used to determine common plant species associated with each *Antennaria* taxon (Table 3). This analysis is a form of co-variance at the community level which gives a correlation coefficient based on quantitative measures of species abundance (Kershaw, 1961). In this manner, the associations of the various species can be estimated by considering the co-variance totals for each pair of species. A coefficient of association of 1.0 shows that the two species under consideration are likely to occur together in all samples. A coefficient smaller than 1.0 indicates that they occur together in proportionately fewer samples (Kershaw, 1961).

4.0 RESULTS

Both exploratory and confirmatory analyses allowed visual comparisons of environmental variables between the habitats occupied by each population of the diploid and polyploid taxa involved in this study. Comparisons were also made of the distribution of diploid and polyploid populations on glaciated and unglaciated sites.

4.1 *Results of Multivariate Analyses Based on Common Environmental Variables for all Taxa*

The results of the CANOCO analyses are illustrated in Figures 5 - 10. When species data for all sites were ordinated with environmental data for all sites, the most important environmental variables were identified as boron, copper, magnesium, sodium and slope. Figure 5 represents the results of the initial CANOCO analysis. Percent variance explained on the first three axes is 29.4, 27.5, and 26.4 respectively, and total variance explained on four axes is 95.2%. Along axis 1, the most environmentally diverse sites appear to be those of the diploid taxa, *A. friesiana* ssp. *alaskana* and *A. monocephala* ssp. *monocephala*. Although most sites of the populations of each of these taxa cluster close to the origin, some populations appear to occupy sites which are environmentally unique. For example, some *A. monocephala ssp. monocephala* populations are found on soils which appear to have a relatively high boron and copper content. *Antennaria friesiana* ssp. *alaskana* occurs on sites which are variable for magnesium and copper but less variable for boron.

While the diploid taxa are widely distributed along axis 1, the polyploid taxa are the most widely distributed along axis 2. *Antennaria alpina* sites are the most diverse, particularly for slope and boron while *A. friesiana* ssp. *friesiana* sites are diverse for magnesium, sodium and copper. Both *A. monocephala* ssp. *angustata* sites are negatively correlated with boron, and one site is more highly correlated with slope, distinguishing that site from the sites of the diploid taxa. This site was situated on a south-facing slope with an extremely high species diversity compared with other relatively species poor sites of other taxa. Some of the species associated with *A. monocephala* ssp.. *angustata* were *Anemone parviflora, Dodecatheon frigidum*, and *Draba nivalis* among others (Table 3).

The most environmentally distinct sites appear to be those of the allopolyploid *A. alpina* and diploid *A. densifolia* (Figure 5). Some of the *A. alpina* sites share ecological similarities with some sites of both the *A. friesiana* complex and the *A. monocephala* complex (personal observation). However two of the *A. alpina* sites are unique in that they are highly correlated with slope (Fig. 5). These two sites are located at very high altitudes on steep east facing slopes of Sheep Mountain at Kluane Lake in the southwest Yukon. This area, at the western end of the Shakwak Trench, is an extremely harsh environment. Loess from the nearby Kaskawulsh Glacier is constantly being carried by the wind down the valley of the Slims River and deposited on the slopes of Sheep Mountain eroding the exposed rock and soil surfaces while simultaneously depositing layers of new mineral soil on leeward sides of boulders and hummocks (personal observation). This area had been glaciated during the Pleistocene and might be described as a modern day refugium because of the proximity of the glaciers and huge icefields of the St. Elias Mountains (Hultén, 1937). *Antennaria alpina* sites are also highly variable in relation to boron (Table 5). Two of these sites are most highly correlated with slope but also the most negatively correlated with boron while one site is highly correlated with boron. *Antennaria alpina* was found to be associated with typical boreal taxa such as *Arctostaphylos uva-ursa*, *Mertensia paniculata* and *Epilobium angustifolium* (Table 3). In the *a posteriori* site classification, all *A. alpina* sites were correctly classified. The three *A. densifolia* sites appear to be the most environmentally distinct. They are all located on talus slopes at treeline or slightly above treeline and the soils of these sites appear to be relatively high in magnesium and sodium and negatively correlated with copper and boron. While this species is a very narrow endemic, as described earlier, a single noteworthy collection was made in the Anaconda Range of Granite County, Montana (Bayer, 1989). The description of this Montana collection site is similar to the sites in the Yukon (Bayer, 1991). Plant species commonly associated with *A. densifolia* include *Botrychium lunaria*, *Cerastium arvense*, and, at treeline sites, *Picea glauca* (Table 3). All *A. densifolia* sites were correctly classified in the *a posteriori* site classification (Table 4).

While *A. friesiana* ssp. *alaskana* sites are diverse for magnesium and copper on axis 1 and slope and boron on axis 2, none of the sites of this diploid taxon are as ecologically extreme as those sites of the polyploids (Figure 6(a)). No strongly associated species were identified for *A. friesiana* ssp. *alaskana* (Table 3). The *a posteriori* site classification indicates that all *A. friesiana* ssp. *alaskana* sites were correctly classified (Table 4). The polyploid subspecies, *A. friesiana* ssp. *friesiana*, seems to occupy some sites that are environmentally similar to those of its diploid progenitor, *A. friesiana* ssp. *alaskana*, but it also shares three sites with *A. monocephala* ssp. *monocephala* (Figure 5). One of these shared sites is more highly correlated with boron and copper compared with the sites of the other five taxa. This site is also the most negatively correlated with magnesium and sodium. All *A. friesiana* ssp. *friesiana* sites were correctly classified by *a posteriori* classification (Table 4), and all but one of the *A. monocephala* ssp. *monocephala* sites were correctly classified (Table 4). This single site was classified as an *A. friesiana* ssp. *friesiana* site (Table 4).

4.2 *Multivariate Analyses of the A. friesiana Complex*

Figure 6 (a) is the graph of the ordination of the species data of the *A. friesiana* complex with the significant environmental data identified for all sites (boron, copper, magnesium, sodium and slope). Percent variance explained by the first three axes is 56.9, 16.8 and 14.2 respectively with total variance on four axes being 97.4%. It appears that most sites occupied by populations of two of these taxa, *A. friesiana* ssp. *alaskana* and *A. friesiana* ssp. *friesiana*, are environmentally similar (Figure 6(a)). However, five populations of the sexual diploid taxon, *A. friesiana* ssp. *alaskana*, occupy sites which are high in magnesium, sodium and copper. One population of the asexual polyploid taxon, *A. friesiana* ssp. *friesiana* and one population of the sexual polyploid taxon, *A. friesiana* ssp. *neoalaskana*, are also established on soils relatively high in magnesium, sodium and copper (Figure 6(a)). All other populations of the *A. friesiana* complex are located on sites which are negatively correlated with these three elements. In the factor analysis to determine species associates (Table 3) and the *a posteriori* site classification (Table 4), *A. friesiana* ssp. *neoalaskana* was deleted because only one population was located. The plant species most often associated with *A. friesiana* ssp. *friesiana* is *Androsace septentrionalis* (Table 3). No strongly associated species were found for *A. friesiana* ssp. *alaskana*.

Canonical correspondence analyses of the species and environmental data for sites of populations of the three taxa included in the *A. friesiana* complex indicated that the most important environmental variables are copper, manganese, sodium and slope (Figure 7). Percent variance explained on the first three axes is 54.8, 17.6, and 12.6 respectively and total variance explained on four axes is 93.4%. Three sites of *A. friesiana* ssp. *friesiana* populations are noteworthy (circled in Figure 7). The soils of these three sites are relatively high in copper and two appear to be negatively correlated with manganese and sodium. The third of these three sites appears to be highly correlated with slope and sodium (Figure 7). While these three sites contrast with some *A. friesiana* ssp. *alaskana* sites, particularly in comparison of the slope on which the sites are situated, they are the three sites which are common to both *A. friesiana* ssp. *friesiana* and *A. monocephala* ssp. *monocephala* (Figure 7). Some populations of *A. friesiana* ssp. *alaskana* also occupy sites which are environmentally different from the sites of the other populations. Eight of these sites are relatively high in copper and low in sodium and manganese. The other 15 sites are positively correlated with sodium and manganese and negatively correlated with copper (Figure 7).

4.3 *Multivariate Analyses of the A. monocephala Complex*

The *A. monocephala* complex includes *A. monocephala* ssp. *monocephala* and *A. monocephala* ssp. *angustata*. The ordination of the species data of this complex with the common environmental variables, boron, copper, magnesium, sodium and slope is represented by Figure 6(b). Percent variance explained is 34.6, 23.7, and 20.3 respectively on the first three axes and a total of 92.6% on four axes. On both axes 1 and 2, the sites of the sexual diploid taxon, *A. monocephala* ssp. *monocephala*, are more environmentally variable than those of the asexual polyploid taxon, *A. monocephala* ssp. *angustata* (Figure 6(b)). Both populations of *A. monocephala* ssp. *angustata* are located on sites positively correlated with slope, magnesium and sodium and negatively correlated with copper. *Antennaria monocephala* ssp. *monocephala* occupies the greatest range of sites compared with all taxa involved in this investigation (Figure 6(b)). Of the 22 locations for *A. monocephala* ssp. *monocephala*, five are positively correlated with magnesium and sodium, four are positively correlated with slope and the other 13 populations are established on sites which are negatively correlated for magnesium and sodium and positively correlated for copper (Figure 6(b)). Most sites for this taxon are negatively correlated for slope. Plant species associated with *A. monocephala* ssp. *monocephala* included *Anemone narcissiflora, Petasites frigidus*, and *Senecio atropurpureus* (Table 3).

Canonical correspondence analysis of the species and environmental data for all sites of *A. monocephala* ssp. *monocephala* and *A. monocephala* ssp. *angustata* identified the important environmental variables unique to this group as calcium, iron, latitude, slope and soil temperature (Figure 8). In the Canonical ordination, percent variance explained by the first three axes are 31.4, 24.4, and 15.1 respectively with a total of 83% variance explained on four axes. On both axes 1 and 2 *A. monocephala* ssp. *monocephala* again appears to occupy sites which are highly variable (Figure 8). *Antennaria monocephala* ssp. *angustata* has one site which is ecologically similar to some of those of *A. monocephala* ssp. *monocephala* and one site which is different. The first of these sites is positively correlated with soil temperature, but negatively correlated with the other environmental variables, calcium, iron, latitude and slope (Figure 8). The other site is positively correlated with iron, latitude, calcium and slope, but negatively correlated with soil temperature.

4.4 *Site Comparisons of Diploid and Polyploid Populations in Glaciated and Unglaciated Habitats*

Figures 9 (a) and (b) and 10(a) and (b) are graphical representations of the environmental diversity of the study sites based on ploidy of the *Antennaria* taxa and the sites thought to be glaciated and unglaciated. Figure 9 (a) clearly shows that the most variation of diploid populations is along the axis for magnesium while polyploid populations are most widely distributed along the axis for slope. The glaciated and unglaciated sites (Figure 9 (b) follow a similar trend with unglaciated sites being relatively high in magnesium and the glaciated sites relatively low in magnesium but most variable in slope.

From Figure 10(a), it appears that populations of diploid taxa are evenly distributed over both glaciated and unglaciated sites within the study area. While both glaciated and unglaciated sites vary in magnesium and sodium, those sites most positively correlated with these two elements are those which were not glaciated. For the glaciated sites, the most variable element is boron which is also the most important variable along axis 2. Figure 10

(b) represents polyploid populations on both glaciated and unglaciated terrain. Although magnesium and sodium are the most variable elements among sites of polyploid populations, the extremes of both these elements are far less than those of the diploid populations, and tend to be somewhat neutral for unglaciated sites to highly negative for glaciated sites. Boron and slope are the most important variables along axis 2 among sites of the polyploid populations. Glaciated sites are more extreme in both these variables compared with unglaciated ones.

5.0 DISCUSSION

In Alaska, the study area extends from the north slope arctic tundra north of the Brooks Range to the Chugach Mountains near Anchorage and includes much of the central area of Alaska. In Yukon and Northwest Territories, the study area extends from south of Fort McPherson to the Kluane Range of the St. Elias Mountains, and east to the MacMillan Pass area of the Northwest Territories.

The geology of these areas is extremely variable and complicated (Hultén, 1968). During Quaternary, large areas of the Yukon were glaciated except the Old Crow area in the north and west parts of the territory (Hultén, 1968, Prest, 1970; Foster et al., 1973). In the southwest, three glacial and two nonglacial periods are recognized (Hultén, 1968). The oldest unit, Shakwak Drift (Hultén, 1968; Prest, 1970), consists of thick till and outwash which were oxidized during the following nonglacial period. The top of Shakwak Drift is overlain by till, outwash and lacustrine sediments of the Icefield Drift and this is overlain by the Kluane Drift (Hultén, 1968; Prest, 1970). It is this material which is thought to have been deposited during the last major ice advance.

From the Arctic Sea to the foothills of the Brooks Range lies the Arctic slope, a broad, flat, coastal plain covered by Quaternary deposits (Hultén, 1968; Lathram, 1973). This coastal plain is separated from the Yukon basin by the Brooks Range. While its northern slope is composed of Cretaceous rock (Hultén, 1968; Detterman, 1973), the southern slope is Devonian (Hultén, 1968; Lathram, 1973; Brosgé and Dutro, 1973). These are separated by a band of parent material dating to the Mississippian age (Hultén, 1968; Lathram, 1973).

At the eastern end of the Brooks Range lies the Mackenzie Delta, a vast, alluvial, forested plain (Hultén, 1968).

The central part of Alaska and Yukon form a plateau 2,000 to 3,000 feet high (Hultén, 1968; Detterman, 1973). This plateau consists mainly of Permian, Devonian, and other Paleozoic rocks (Hultén, 1968; Detterman, 1973). This central plateau extends southward to the Alaska Range, a geologically complicated chain of mountains rising parallel to the shoreline of the Gulf of Alaska (Hultén, 1968; Lathram, 1973).

Along the southern coast rises the St. Elias Mountains, with peaks up to 16,500 feet (Hultén, 1968). These extend to the west as far as the Chugach and the Kenai Mountains.

These mountain ranges were formed during late Miocene and Pliocene as the geographical features of North America were undergoing major changes (Foster et al., 1973; John, 1977). Massive orogenous events along the Pacific plate margins resulted in an increase in altitude (Foster et al., 1973; Reed and Lanphere, 1973; Richter and Jones, 1973; John, 1977). In these areas, temperatures decreased with a corresponding increase in precipitation (Foster et al., 1973). Ice caps formed on the seaward side of the newly forming mountain ranges and glaciers from these ice caps flowed toward the Pacific Ocean, as they presently do (Prest, 1970). However, on the leeward side of the mountains, precipitation was insufficient (Axelrod, 1948) to provide the quantities of snow necessary to offset the melt in summer (Prest, 1970; John, 1977). For this reason, large areas in interior Alaska, drained by the Yukon River, did not support glaciers and remained essentially ice free during the glaciation events of the Pleistocene (John, 1977). To the north the Brooks Range was glaciated by precipitation from the Arctic Ocean, and these glaciers flowed over the north slope toward the Arctic Ocean (John, 1977).

Water levels world-wide lowered, exposing more land surface because so much water was tied up in these massive ice sheets (Hultén, 1937; Foster et al., 1973; John, 1977). Many areas which had been isolated were now joined by land bridges which served as corridors for the dispersal of flora and fauna (Hultén, 1968; John, 1977). Refugia also existed as nunataks and corridors in mountain ranges (Foster et al., 1973; John, 1977). During Pleistocene, much of North America was covered by three massive ice sheets (Foster et al., 1973; John, 1977).

Along the coast of what is now Alaska and British Columbia, glaciers flowed toward the Pacific Ocean. Toward the east, in the Yukon, the Cordilleran ice sheet formed glaciers which flowed east to meet the massive Laurentide ice sheet which covered the Canadian Shield (Foster et al., 1973).

Although refugia provided ice-free zones, they were not as moderate a habitat as might be expected (Hultén, 1937; Packer, 1965; John, 1977). Due to albedo of the increasing ice surface, climatic temperatures dropped worldwide (Foster et al., 1973) and these areas became nunataks surrounded by vast areas of thick ice accompanied by associated winds and decreased precipitation (Hultén, 1937). Plants which were established in these areas prior to glaciation found themselves in fierce competition with plants which had subsequently dispersed into these areas due to climate changes (Begon et al., 1990). In addition, fauna increased to capacity in these ice free areas and the corresponding loss of foliage due to foraging must have been great (Foster et al., 1973, John, 1977; Begon et al., 1990).

While most of the study area is affected by permafrost, only the most northern areas are permanently frozen by continuous permafrost. Most areas are discontinuously frozen. However, the effect of frost in some parts of the study area is spectacular. When water freezes, it expands approximately 9% by volume (John, 1977). Water which has seeped into cracks in rocks and the ground and then frozen causes stresses which result in shattering of bedrock, boulders and stones. This is known as mechanical weathering (John, 1977). Within the study area, several sites were located on mountains which have been reduced to large piles of rubble by mechanical weathering and are, literally, shattered mountains. In the plateau many of the study sites were covered by frost rubble, a thick layer of shattered angular fragments covering the parent material.

At higher altitudes, some study sites were located on solifluction lobes. These are the result of the melting of the upper layer of permafrost on south-facing mountainsides while the underlying soil remains frozen (Bird, 1967). As a result, the side of the mountain appears to be literally melting as the upper active layer oozes by gravity over the frozen permafrost beneath and forms large, soft lobes. Because thawing of the soil beneath the surface increases water availability and the southerly aspect increases solar radiation, these areas are relatively rich in plant species.

On the north slope of arctic Alaska, tightly packed tundra hummocks consisting of soil and vegetable matter were the most common feature although most study sites were located on slightly higher more rocky areas. In the Hatcher Pass area north of Anchorage, Alaska, tundra hummocks were also present but not as tightly packed at those in the north.

5.1 *Ecological and Genetic Implications with Respect to Ploidy*

The most ecologically discrete taxon of this group of *Antennaria* is *Antennaria densifolia*. This diploid amphimictic species is also the most restricted in range (Bayer, 1993). The reason for this is not understood and is not part of this current investigation. However, its single disjunct population in Montana suggests that the range of this species has been far more extensive in the past (Bayer, 1989). The suggestion that *Antennaria alpina* is an alloploid hybrid between *A. aromatica, A. densifolia, A. friesiana* ssp. *alaskana, A. media, A. monocephala,* and *A. nordhagiana* (Bayer, 1987) is at least partially supported by the results of this investigation. Some sites of *A. alpina* were ecologically similar to both *A. monocephala* ssp. *monocephala* and *A. friesiana* ssp. *alaskana,* but two sites of *A. alpina* are ecologically distinct from either of these two amphimictic diploids. This agrees with previous findings that diploids appear to have specific habitat requirements (Bayer, 1987) but share some habitats with their polyploid derivatives. For example, sites of populations of the allopolyploid *Antennaria rosea* were found to overlap at least partially with all its sexual progenitors while some sites fell into distinct niches (Bayer et al., 1991). The sexual progenitors of *A. rosea,* however, occupied sites which were ecologically distinct from each other (Bayer, 1987; Bayer, et al., 1991).

The ecological similarities between the subspecies of each complex, *A. friesiana* and *A. monocephala,* supports the contention that non-hybrid polyploids will not occupy niches that are distinct from their diploid progenitor populations (Bayer et al, 1991). However, within the *A. friesiana* complex, three sites of *A. friesiana* ssp. *friesiana* are ecologically distinct from those of the other the two cytotypes which comprise this complex. These three sites are those shared by *A. friesiana* ssp. *friesiana* and *A. monocephala* ssp. *monocephala*. Isozyme studies have indicated that *A. friesiana* ssp. *friesiana* is very closely related to, and may be a hybrid of, *A. monocephala* ssp. *monocephala* and another sexual taxon within this group (Bayer, 1991). This investigation of allozymic and morphometric polymorphisms involved most members of this group of *Antennaria* (Bayer, 1991). *Antennaria alpina* was not included in that investigation because it is a hexaploid and therefore analysis of electrophoretic gel patterns is unclear and difficult to interpret. The results of the allozymic study (Bayer, 1991) are summarized in Table 2. Generally, it appears that the highest levels of genetic diversity with respect to all loci occur consistently in the sexual taxa, *A. densifolia*, *A. friesiana* ssp. *alaskana*, *A. friesiana* ssp. *neoalaskana*, and *A. monocephala* ssp. *monocephala* (Bayer, 1991). These taxa were also found to be the most distinct morphologically (Bayer, 1991). *Antennaria densifolia* appears to be the most genetically diverse and the most morphologicaly distinct (Bayer, 1991). Bayer (1991) also found that *A. monocephala* ssp. *angustata* appears to be isozymically and morphologically intermediate between sexual *A. monocephala* ssp. *monocephala* and asexual *A. friesiana* ssp. *friesiana* as are some populations of *A. friesiana* ssp. *alaskana* (Bayer, 1991). Therefore, while *A. friesiana* ssp. *friesiana* and *A. friesiana* ssp. *alaskana* are morphologically indistinct, these findings also suggest a close relationship between *A. monocephala* ssp. *monocephala* and *A. friesiana* ssp. *friesiana* (Bayer, 1991). A possible geographical trend in allele frequencies was detected for *A. monocephala* ssp. *monocephala* in that eastern populations from Yukon formed one group, whereas the western populations from Alaska formed another (Bayer, 1991). A similar weaker trend was found for *A. friesiana* ssp. *friesiana* (Bayer, 1991).

The elements identified as being significantly important in all the ordinations included boron, copper, magnesium, manganese, iron, calcium, and sodium. All these elements have physiological implications in plant development, function or in soil characteristics. While biochemical functions of boron remain unclear (Salisbury and Ross, 1985), plants deficient in boron show a variety of symptoms including failure of root tips to elongate, inhibited synthesis of DNA and RNA and inhibition of cell division in the shoot apex. Boron is also essential in pollen tube elongation (Salisbury and Ross, 1985). Copper is present in several enzymes involved in oxidation and reduction (Salisbury and Ross, 1985). The amounts of copper required for cellular function are so low that copper deficiency is rare. Magnesium is almost never limiting to plant growth. It is present in chlorophyll where it combines with ATP, allowing ATP to function in many reactions. It also activates many enzymes needed in photosynthesis, respiration and formation of DNA and RNA (Salisbury and Ross, 1985). Manganese plays a structural role in the chloroplast membrane system and is important in the photosynthetic split of H_2O and the activation of enzymes (Salisbury and Ross, 1985). Iron is essential because it forms part of certain enzymes and numerous proteins that carry electrons during oxidation and reduction reactions during photosynthesis and respiration (Salisbury and Ross, 1985). Calcium is essential in binding both pectate polysaccharides that form middle lamella and phospholipids in cell membrane function. It is also important in microtubule formation (Salisbury and Ross, 1985). Excess sodium is harmful to plants not only because it decreases water availability, but also because it induces undesirable physical and chemical conditions in soils (Hausenbuiller, 1985). Exchangeable sodium does not bind soil particles sufficiently to provide stable aggregates and leads to the breakdown of aggregates and reduction in pore size lowering the permeability of soil to air and water (Hausenbuiller, 1985).

The results of this current investigation appear to support the findings of Bayer (1991), and both studies offer some interesting correlations between genetic and ecological diversity. All amphimictic taxa appear to be genetically and morphologically the most diverse (Bayer, 1991). Similarly, the results of this current study suggest that the amphimictic diploid taxa occupy habitats which are environmentally diverse for some elements, most notably magnesium, sodium and copper compared with those occupied by the apomictic polyploid taxa (Figure 5). Morphologically and ecologically, *A. densifolia* appears to be clearly delimited from the other taxa (Bayer, 1991). While *A. densifolia* occupies the most highly restricted range of all the taxa involved in this study, the sites at which this taxon was located appear to be dissimilar to the sites of any of the other taxa involved (Figure 5), particularly in regard to magnesium and sodium. This suggests that it may have evolved genetic capabilities to allow exploitation of unique habitats or it may be that loss of competitive capabilities due to isolation (Carlquist, 1966; Begon et al., 1990) has limited the habitats available to *A. densifolia*.

The diploid taxa and polyploid sexual taxon in this investigation appear to occupy a wide environmental range of habitats in both glaciated and unglaciated areas within the study area compared with the apomictic polyploid taxa (Figure 10 (a) and (b)). These diploid taxa, *A. friesiana* ssp. *alaskana*, *A. friesiana* ssp. *monocephala*, and the polyploid sexual taxon, *A. monocephala* ssp. *neoalaskana*, were found to have high values for the proportion of polymorphic loci and observed heterozygosity (Table 2) (Bayer, 1991). Since genetic diversity has been positively linked with adaptive capabilities, perhaps it is this which has allowed these taxa to exploit a wider range of environments than the asexual taxa. The most diverse of these taxa in terms of environmental adaptation appears to be *A. monocephala* ssp. *monocephala*. The allozymic study (Table 2) indicated a close genetic relationship between *A. monocephala* ssp. *monocephala* and *A. friesiana* ssp. *friesiana* (Bayer, 1991). This association between these taxa appears to be supported by similarity of some of the sites occupied by them including the three sites which are common to both allowing possible hybridization between them giving rise to allopolyploid derivatives (Bayer, 1991).

5.2 *Ploidy Distribution on Glaciated and Unglaciated Sites*

Populations of both *A. friesiana* ssp. *alaskana* and *A. monocephala* ssp. *monocephala* are established in areas known to have been refugia. Because unglaciated areas remained mostly free of ice during the Pleistocene glaciation, these areas would have been subject to constant change from biotic and abiotic forces. Climatic and seasonal changes resulting in mechanical weathering, and the build up of organic matter from flora and fauna death would result in soil and topographical changes leading to the development of numerous micro-habitats. Areas in proximity to the icefields would be undergoing constant wind and soil erosion and loess build-up similar to the Sheep Mountain area in the southwest Yukon. Plants which survived in all these habitats might also be undergoing evolution by continual genotypic change (Sultan, 1987).

In contrast to unglaciated areas, glaciated areas underwent massive changes to the parent material during glaciation. When the ice melted, landforms such as eskers, composed of glacial debris, changed the surface of the land and new habitats became available for primary succession. These new habitats could be invaded and occupied largely by adjacent plant and animal populations (Hultén, 1937; Karlstrom, 1969; Packer, 1969). There are two ways in which plants may invade inhospitable habitats (Terborgh, 1973; Hamrick, 1982; Lewin, 1983). They may be genetically able to adapt to new habitats (Anderson, 1948; Axelrod, 1948; Bazzaz, 1991), in which case their propagules may have the inherent ability to germinate and survive successfully in these areas or they must evolve capabilities to take advantage of new areas (Rejón, Lozano, and Rejón, 1990). Studies have shown that the incidence of polyploidy rises on the periphery of established diploid populations and in disturbed (or new) habitats (Lewin, 1983). High genetic diversity of both *A. friesiana* ssp. *alaskana* and *A. monocephala* ssp. *monocephala* may have enabled these taxa to use one of these strategies. Therefore invasion into new habitats may account for the relatively high frequency of diploid populations in previously glaciated areas. Once invasion into these newly available areas was successful, some members of these populations may have undergone a polyploid event to initiate autopolyploid populations. The alternative is that the polyploid populations may have arisen from diploid populations on the periphery of refugia and these polyploid populations may then have invaded the new habitats. Packer (1969) notes that over time, distributions of polyploid and diploid populations may become stabilized with respect to existing conditions. If this is true, then diploid taxa may have also established populations in glaciated areas on the periphery of their ranges which would result in the relatively high frequency of diploid populations noted in this study. It is important to emphasize that these observations are limited to the study area because this area includes most of the ranges of the diploid taxa but only a small proportion of the ranges of the polyploid ones. The circumpolar and near-circumpolar ranges of *A. alpina* and *A. alaskana* ssp. *friesiana* suggest that these taxa have been far more successful than their diploid progenitors in establishing populations in glaciated areas. Further investigations are necessary to compare sites over the ranges of the polyploid taxa.

Studies of the onset of polyploidy indicate that this phenomenon tends to occur in plants which are under stress due to adverse environmental conditions (Mosquin, 1964; Packer, 1965; Johnson and Packer, 1967; Thomas, Kaltsikes, and Shigenaga, 1983; Haufler et al., 1985; Stebbins, 1985; Hadač, 1989). Cooler temperatures, for example, have been shown to result in diploid pollen in *Solanum phureja* (McHale, 1983). Similarly, the occurrence of polyploid populations of *Andropogon gerardii* in tall-grass prairie increases at the western boundary of its range where the weather is colder due to the influence of the mountains (Keeler, 1990). Low temperature appears to be a factor inhibiting chromosome pairing in *Triticale* (Thomas, Kaltsikes, and Shigenaga, 1983).

If temperature can influence polyploidy, then stress from nutrient and water deficiencies might also (Hacker, 1988). The incidence of polyploidy has long been known to increase with latitude (Giles, 1942). Packer and Johnson (1965) and other workers found evidence that polyploidy appears to be associated with disturbed habitats. The high proportion of polyploidy in northern latitudes may therefore be a result of both seasonal climate extremes together with a high occurrence of disturbed habitats from past glaciation.

Most workers suggest that polyploidy arises as a consequence of meiotic aberration, usually during metaphase I (Karpenchenko, 1927; Olsson and Rufelt, 1948; Stebbins, 1950; Harlan and deWet, 1975; Mooring, 1980; Jackson, 1982; Davies, Jenkins and Rees, 1990;). In view of the numbers of species which appear to have undergone polyploid events (Stebbins, 1985), and in light of a possible association of polyploidy and environmental stress, perhaps it is not an aberration at all, but simply a natural phenotypic expression (Jackson, 1982) which may convey survival in an inhospitable environment (Mosquin, 1964; Farris and Schaal, 1983; Levin, 1983), such as the periphery of established populations or glaciated habitats (Lewis, 1983). If this is the case, then the evolution of polyploidy may be under genetic control (Jackson 1982).

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Table 1. Chromosome numbers, ploidy level and reproductive mode of each *Antennaria* taxon. Each tetraploid subspecies is thought to be derived from its related diploid subspecies.

TAXON	CHROMOSOME NUMBER	REPRODUCTIVE MODE
A. alpina	6n=84	apomictic
A. densifolia	2n=28	amphimictic
A. friesiana ssp *alaskana*	2n=28	amphimictic
A. friesiana ssp *friesiana*	4n=56	apomictic
A. friesiana ssp *neoalaskana*	4n=56	amphimictic
A. monocephala ssp *monocephala*	2n=28	amphimictic
A. monocephala ssp *angustata*	4n=56	apomictic

Table 2. Average genetic variation in 25 populations of *Antennaria* from low arctic North America. Included are mean number of alleles per locus (*A*); proportion of polymorphic loci, with the most common allele's frequency less than 0.99 (*P*). (Bayer, 1991)

Population designations	*A*	*P*
A. densifolia (sexual):		
Averages (± s.d.)	1.470 (± 0.044)	0.380 (± 0.000)
A. friesiana ssp *alaskana* (sexual):		
Averages (± s.d.)	1.340 (± 0.061)	0.270 (± 0.030)
A. friesiana ssp *friesiana* (asexual):		
Averages (± s.d.)	1.200 (± 0.078)	0.210 (± 0.073
A. monocephala ssp *monocephala* (sexual):		
Averages (± s.d.)	1.290 (± 0.089)	0.290 (± 0.064)
A. monocephala ssp *angustata* (asexual):	1.380 (± 0.544)	0.118
A. friesiana ssp *neoalaskana* (sexual):		
Averages (± s.d.)	1.310 (± 0.000)	0.310 (± 0.000)
Grand Averages:		
Diploids: (± s.d.)	1.340 (± 0.086)	0.270 (± 0.061)
Polyploids: (± s.d.)	1.290 (± 0.094)	0.240 (± 0.074)
Sexuals: (± s.d.)	1.340 (± 0.079)	0.280 (± 0.054)
Asexuals: (± s.d.)	1.240 (± 0.046)	0.190 (± 0.074)
All: (± s.d.)	1.310 (± 0.091)	0.250 (± 0.066)

Table 3. Plant species associated with each *Antennaria* taxon as determined by factor analysis with a correlation coefficient of .6 or greater. No strongly associated species were found for *A. friesiana* ssp *alaskana*. Species associates for *A. friesiana* ssp *neoalaskana* are not included because only one site was located for this taxon. The taxonomy follows Hultén (1968). Species are listed alphabetically.

TAXON	SPECIES ASSOCIATE	CORRELATION COEFFICIENT
A. alpina	*Arctostaphylos uva-ursi* Spreng.	.98224
	Epilobium angustifolium L.	.67853
	Equisetum scirpoides Michx.	.99294
	Gentiana glauca Pall.	.88741
	Geocaulon lividum (Richards.) Fern.	.99294
	Hedysarum mackenzii Richards.	.99219
	Linnaea borealis L.	.98142
	Mertensia paniculata (Ait.) G. Don	.72055
	Shepherdia canadensis (L.) Nutt.	.68243
A. densifolia	*Botrychium lunaria* (L.) Sw.	.92741
	Cerastium arvense L.	.90303
	Picea glauca (Moench) Voss	.89129
A. friesiana ssp. *friesiana*	*Androsace septentrionalis* L.	.98310
A. monocephala ssp. *angustata*	*Anemone parviflora* Michx.	.95161
	Carex L.	.94258
	Dodecatheon frigidum Cham. & Schlecht.	.83462
	Draba nivalis Liljebl.	.99765
	Epilobium palustre L.	.99760
	Luetkea pectinata (Pursh) Ktze.	.96041
	Oxytropis nigrescens (Pall.) Fisch.	.99765
	Polemonium acutifolium Willd.	.99567
	Polygonum bistorta L.	.76053
	Potentilla fruticosa L.	.80512
	Taraxacum officinale Weber	.99715
	Viola epipsila Ledeb.	.98743
A. monocephala ssp. *monocephala*	*Anemone narcissiflora* (L.)	.60676
	Petasites frigidus (L.) Franch.	*.82496*
	Senecio atropurpureus (Ledeb.) Fedtsch.	.66045

Table 4. *A posteriori* classification from the discriminant analysis of the *Antennaria* study sites according to their taxon group. *A. friesiana* ssp *neoalaskana* has been omitted because it was only located at one site. Taxa are labeled with the first three letters of their specific epithet or subspecies name where applicable. % = percent correct classification. N = total number of study sites.

TAXON	ALA	ALP	ANG	DEN	FRI	MON	%	N
ALA	19	0	0	0	0	0	100	19
ALP	0	6	0	0	0	0	100	6
ANG	0	0	2	0	0	0	100	2
DEN	0	0	0	3	0	0	100	3
FRI	0	0	0	0	12	0	100	12
MON	0	0	0	0	1	11	91.7	12
TOTAL	19	6	2	3	13	11	98.2	54

Table 5. Environmental data for the seven taxa of *Antennaria* including *A. friesiana* ssp *alaskana* (ALA), *A. alpina* (ALP), *A. monocephala* ssp *angustata* (ANG), *A. densifolia* (DEN), *A. friesiana* ssp *friesiana* (FRI), *A. monocephala* ssp *monocephala*(MON), and *A. friesiana* ssp *neoalaskana* (NEO). Presented are the mean values for 32 variables for the individual taxa. Variables include Latitude (LAT), Longitude (LONG), Altitude (m) (ALT), Slope ^{0} (SLOPE), Azimuth ^{0} (AZI), Soil temperature (^{0}C) at 1 cm (SOIL01), Soil temperature (^{0}C) at 10 cm (SOIL10), Soil Strength kg/cm^2 (STREN), Water (H_20), % Sand (SAND), % Silt (SILT), % Clay (CLAY), Organic Matter (OM), NH_4, NO_3, PO_4, Na/ppm, K/ppm, SO_4, pH, Cation Exchange Capacity (CEC), Ca (CA), Boron (B), Fe (FE), Mn (MN), Cu (CU), Zn (ZN), K/100 g (K/100G), Na/100 g (NA/100G), Mg/100 g (MG/100G), and % Bare Ground (BARGRO). Taxa are listed alphabetically by the first three letters of their specific epithet or subspecies name where applicable.

VARIABLE	ALA	ALP	ANG	DEN	FRI	MON	NEO	MEAN
LATIT	65 63	62 07	67 18	64 87	63 61	64 24	64 31	64 49
LONG	147 15	134 24	149 89	138 14	140 40	135 67	138 15	141 21
ALT	997.6	1595.8	930.0	1303.3	1286.7	1479.6	1430.0	1253.2
SLOPE	10.2	25.7	19.0	23.0	17.4	14.3	37.0	15.8
AZI	.75	1.02	1.06	.84	.91	.84	.56	.85
SOIL01	18.7	18.2	18.5	23.0	16.6	13.3	12.0	17.1
SOIL10	14.2	13.2	15.5	17.3	12.5	8.3	9.0	12.5
STRE	1.6	1.5	1.0	1.4	1.4	1.7	1.5	1.5
H_20	1.6	3.0	1.5	2.3	1.3	2.1	5.7	1.9
SAND	38.6	36.5	37.6	44.5	50.5	35.2	36.6	40.5
SILT	47.4	52.7	47.7	49.0	40.8	53.2	47.5	47.9
CLAY	14.0	10.8	14.7	6.5	8.6	11.6	15.9	11.6
OM	5.4	11.9	5.6	9.3	5.6	9.0	5.4	7.2

Table 5. Continued.

VARIABLE	ALA	ALP	ANG	DEN	FRI	MON	NEO	MEAN
NH_4	16.5	17.7	13.0	26.7	20.7	35.8	15.0	22.1
NO_3	2.8	18.2	2.54	12.3	17.0	11.2	27.0	10.4
PO_4	1.6	10.8	1.0	2.7	7.3	8.9	1.0	5.5
NA	7.6	7.5	14.5	11.3	6.8	11.9	10.0	8.9
K	69.9	91.5	80.5	66.3	64.7	84.6	68.0	74.5
SO_4	.5	2.8	.55	3.8	1.1	2.4	6.1	1.6
pH	5.4	6.3	5.5	8.1	5.8	5.4	5.4	5.7
CEC	.137	.433	.150	.533	.292	.250	.400	.255
CA	1.43	15.0	2.27	15.9	2.54	2.65	2.46	4.25
B	.494	.455	.435	.27	.407	.485	.490	.454
FE	86.5	122.8	160.0	33.7	85.8	159.4	182.0	107.7
MN	11.4	13.5	17.9	11.8	17.9	41.3	82.2	21.1
CU	1.31	2.42	1.68	.527	1.54	2.10	4.8	1.69
ZN	1.02	1.19	1.47	3.38	1.13	5.62	1.91	2.23
K/100G	.196	.335	.210	.150	.190	.257	.150	.220
NA/100G	.014	.035	.010	.043	.011	.013	.030	.017
MG/100G	.113	.483	.265	.279	.328	.346	.430	.409
BARGRO	40.9	33.8	36.4	76.9	39.9	32.4	68.2	40.3

Fig. 1. Geographical locations of the collection sites of the taxa which comprise the *Antennaria friesiana* complex consisting of 19 populations of *A. friesiana* ssp. *alaskana*, each represented by a closed triangle (▲), 12 populations of *A. friesiana* ssp. *friesiana*, represented by an open triangle (△), and one population of *A. friesiana* ssp. *neoalaskana*, represented by a closed circle (●).

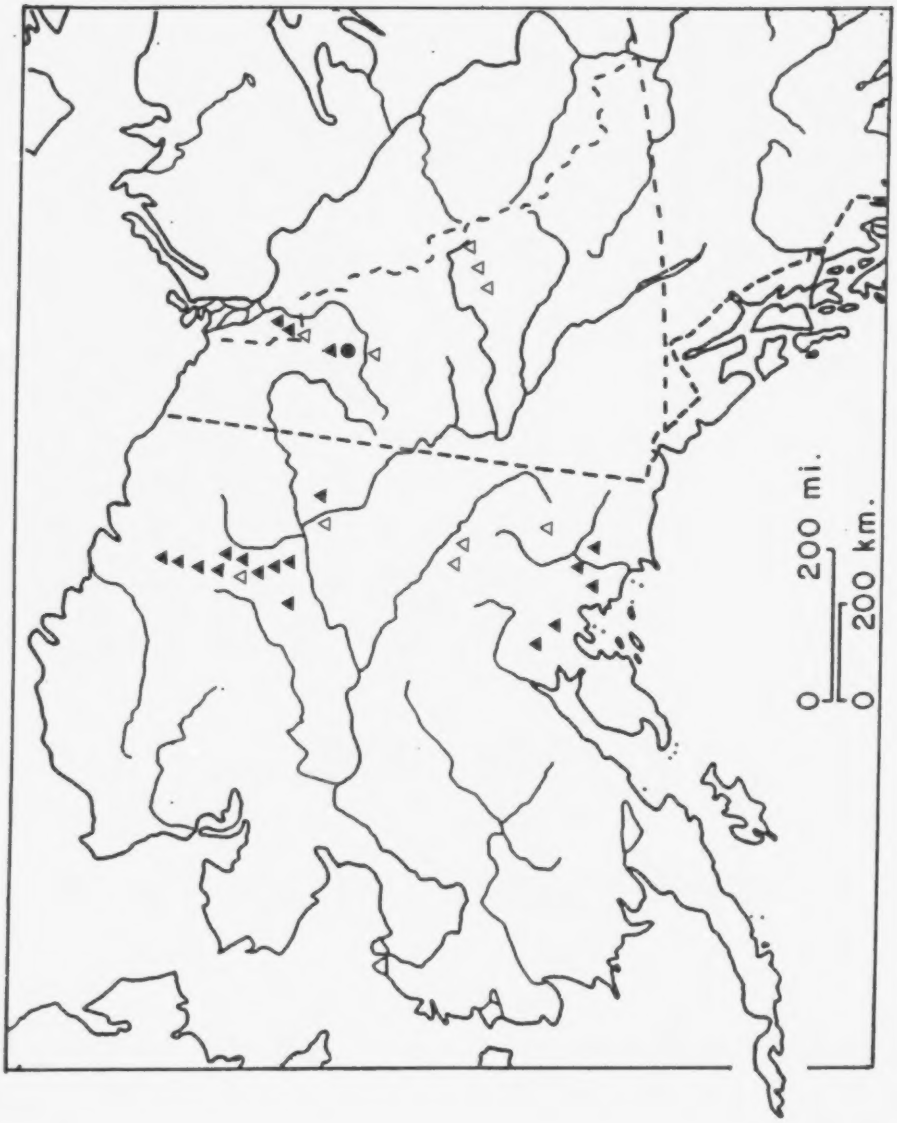

0 200 mi.
0 200 km.

Fig. 2. Geographical locations of the collection sites of the taxa which comprise the *A. monocephala* complex consisting of 17 populations of *A. monocephala* ssp. *monocephala*, each represented by a closed square (■) and two populations of *A. monocephala* ssp. *angustata* represented by an open square (□).

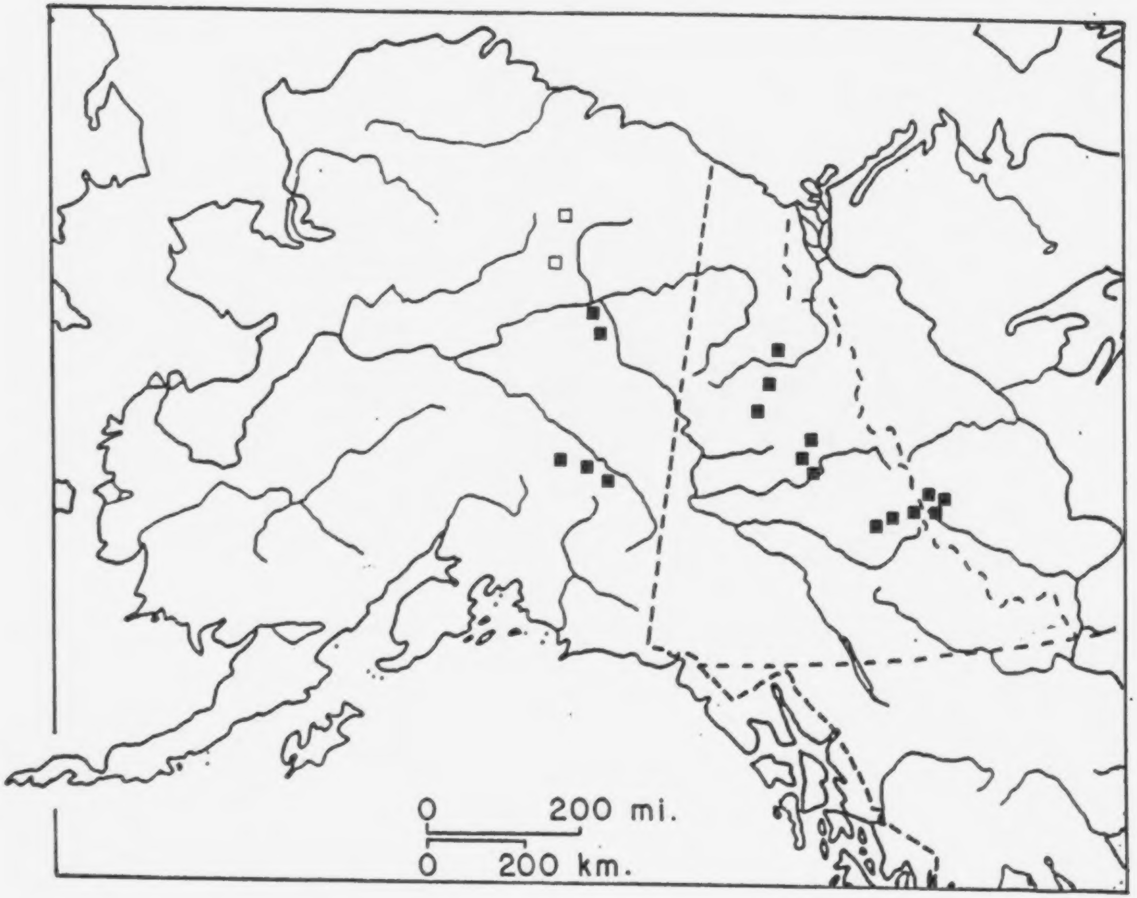

0 200 mi.
0 200 km.

Fig. 3. Geographical locations of the collection sites of the three populations of *A. densifolia* and six populations of *A. alpina*. Individual populations are labeled as follows: *A. densifolia* (▼), *A. alpina* (○).

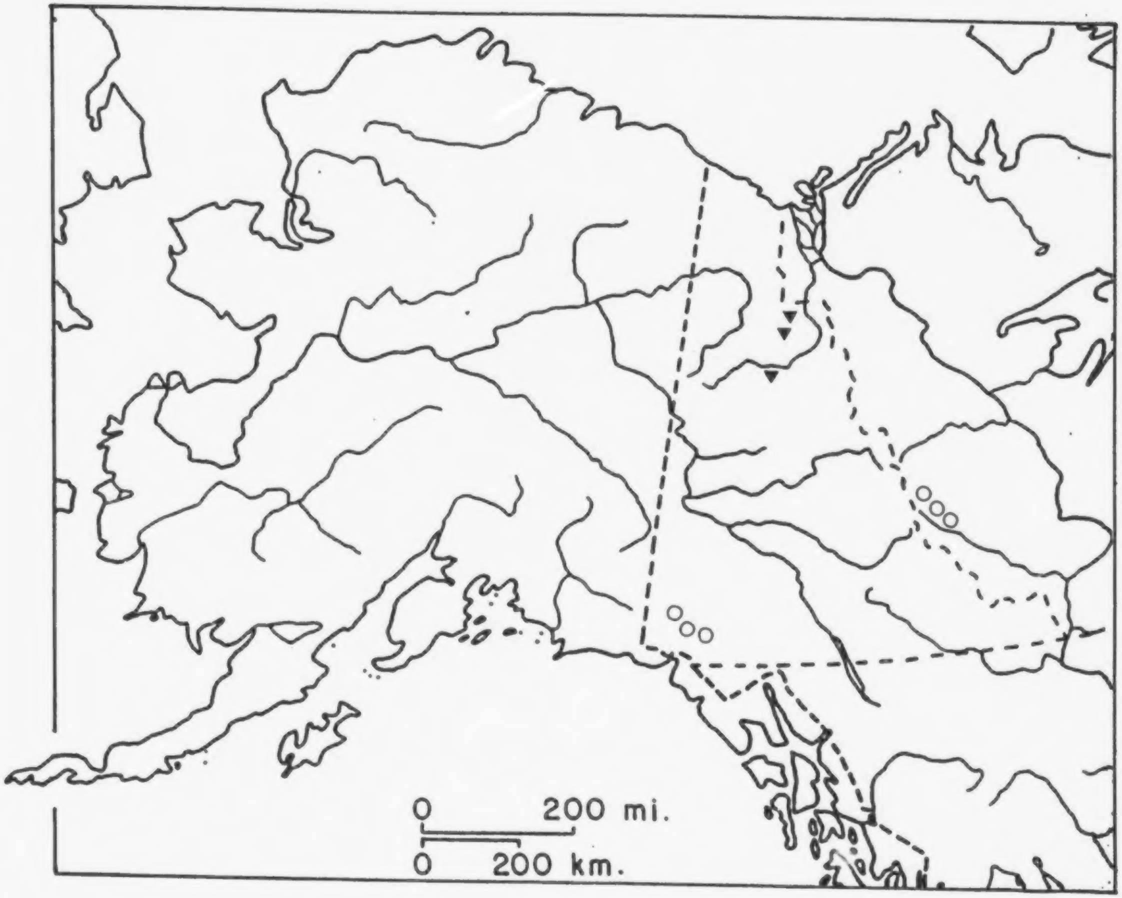

0 200 mi.
0 200 km.

Fig. 4. Geographical locations of the collection sites which were shared by two taxa. Shared sites are labeled as follows: *A. friesiana* ssp. *friesiana* and *A. monocephala* ssp. *monocephala* (◇), *A. monocephala* ssp. *monocephala* and *A. friesiana* ssp. *alaskana* (◆), *A. monocephala* ssp. *monocephala* and *A. alpina* (▿) and *A. friesiana* ssp. *alaskana* and *A. monocephala* ssp. *angustata* (x).

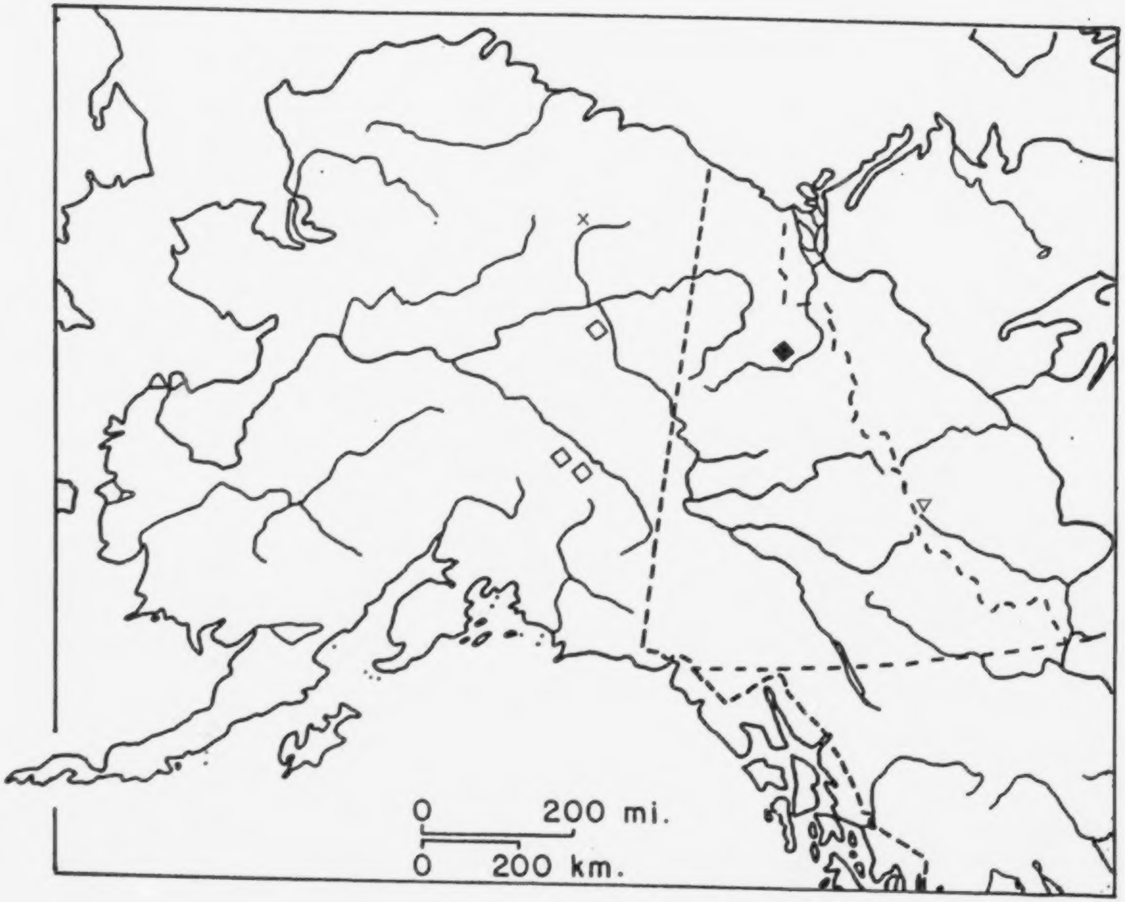

0 200 mi.
0 200 km.

Fig. 5. Biplot representing the results of Canonical Correspondence analysis of all taxa with five significant environmental variables identified: Slope, B, Cu, Mg, and Na. Each taxon is labeled by the first three letters of its specific epithet or subspecies name as applicable.

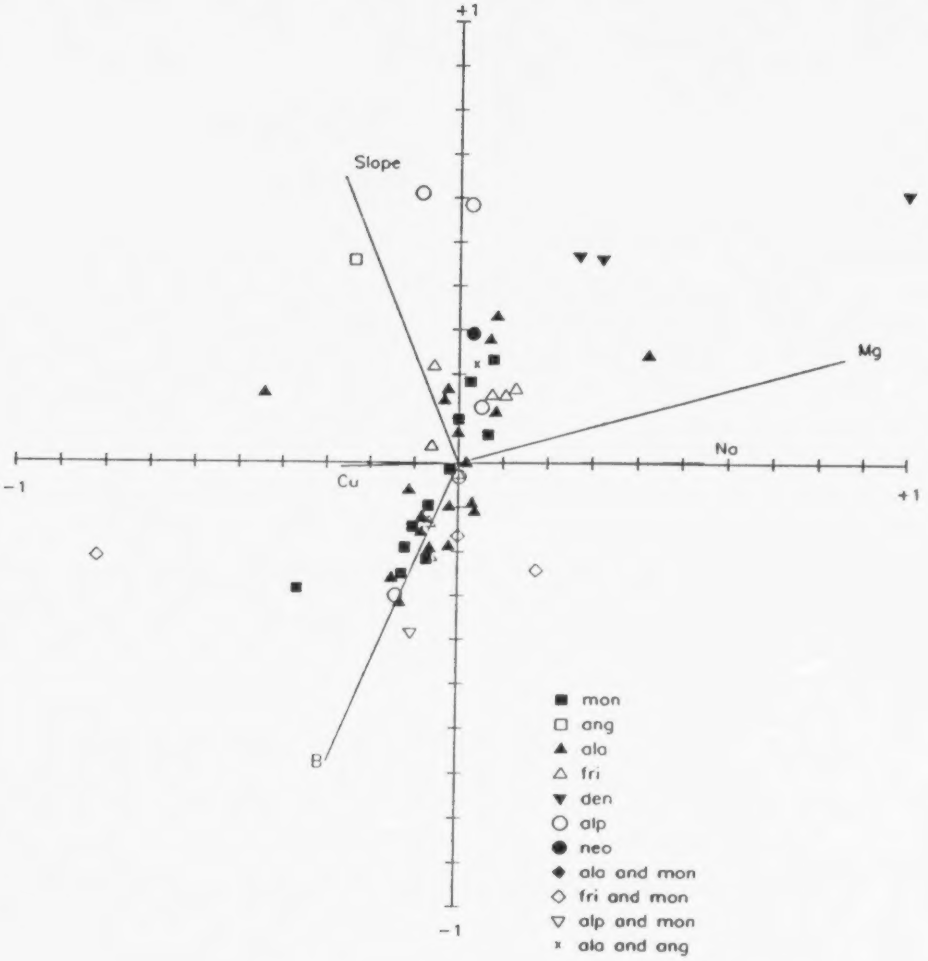

+1
Slope
Mg
Na
Cu
-1
+1
B
-1
■ mon
□ ang
▲ ala
△ fri
▼ den
○ alp
● neo
◆ ala and mon
◇ fri and mon
▽ alp and mon
x ala and ang

Fig. 6(a). Biplot representing the results of Canonical Correspondence analysis based on the subspecies of the *A. friesiana* complex with five environmental variables as in Fig. 5: Slope, B, Cu, Mg, and Na. This complex consists of *A. friesiana* ssp. *alaskana*, *A. friesiana* ssp. *friesiana* and *A. friesiana* ssp. *neoalaskana*. Each subspecies is labeled by the first three letters of its subspecies name.

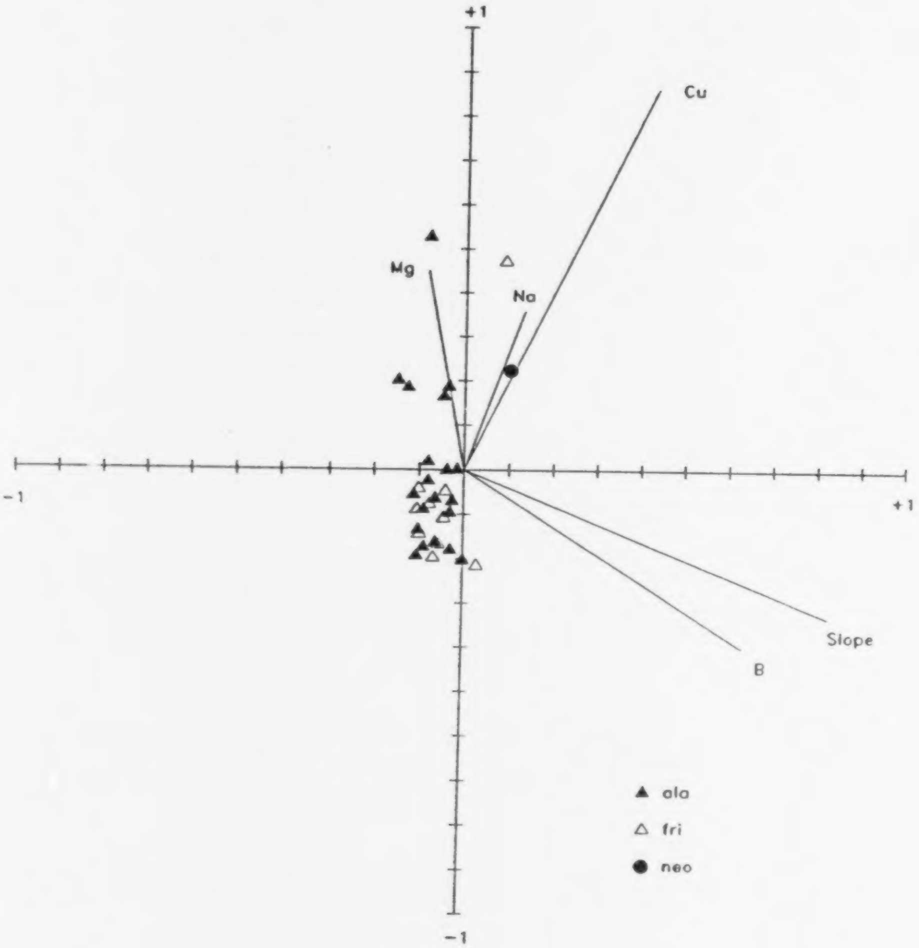
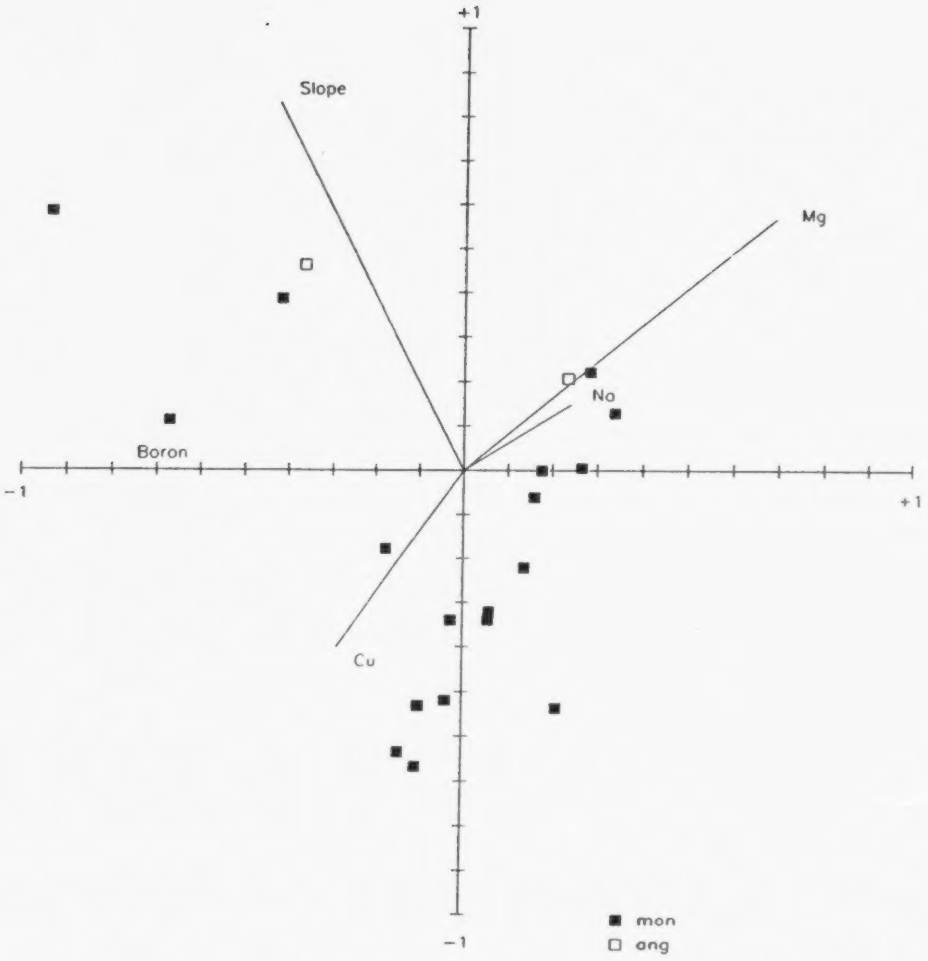

+1
Cu
Mg
Na
-1
+1
Slope
B
▲ ala
△ fri
● neo
-1

Fig. 6(b). Biplot representing the results of Canonical Correspondence analysis based on the subspecies of the *A. monocephala* complex with five environmental variables as in Fig. 5: Slope, B, Cu, Mg, and Na. This complex consists of *A. monocephala* ssp. *monocephala* and *A. monocephala* ssp. *angustata.* Each subspecies is labeled by the first three letters of its subspecies name.



+1
Slope
Mg
Na
Boron
-1
+1
Cu
-1
■ mon
□ ang

Fig. 7. Biplot representing the results of Canonical Correspondence analysis based on the subspecies of the *A. friesiana* complex with four environmental variables identified as significant to this complex: Cu, Na, Mn, and Slope. The subspecies of this complex, *A. friesiana* ssp. *alaskana*, *A. friesiana* ssp. *friesiana*, and *A. friesiana* ssp. *neoalaskana*, are labeled with the first three letters of their respective subspecies names. The circled populations represent sites shared by *A. friesiana* ssp. *friesiana* with *A. monocephala* ssp. *monocephala*.

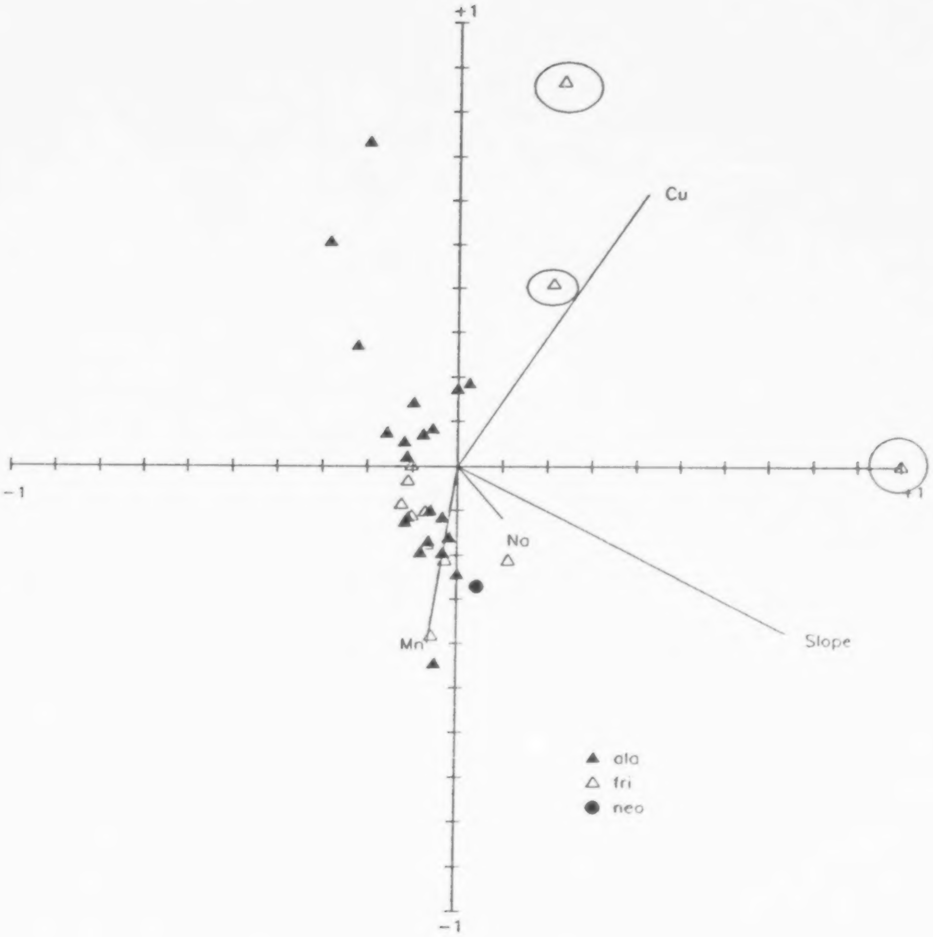

+1
Cu
Na
Slope
Mn
-1
+1
-1
▲ ala
△ fri
● neo

Fig. 8. Biplot representing the results of Canonical Correspondence analysis based on the subspecies of the *A. monocephala* complex with five environmental variables identified as significant to this complex: Ca, Fe, Lat, Slope and Soil Temperature. The subspecies of this complex, *A. monocephala* ssp *monocephala* and *A. monocephala* ssp *angustata* are labeled with the first three letters of their respective subspecies names.

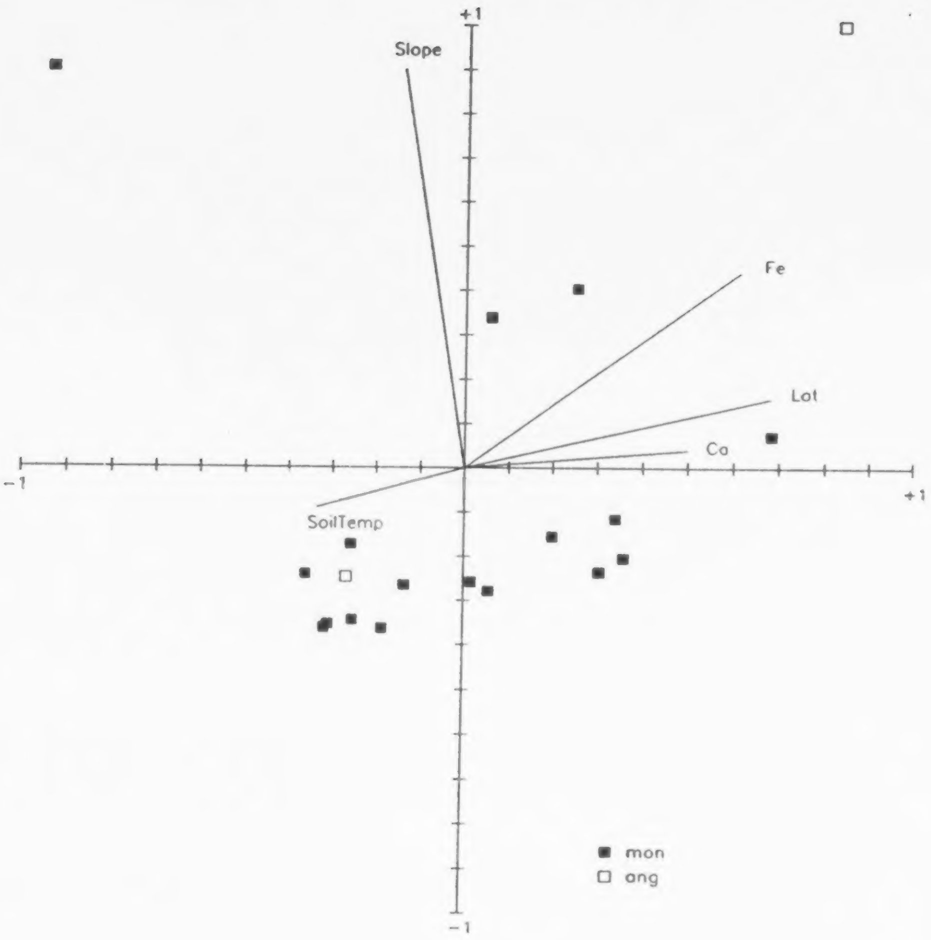

+1
Slope
Fe
Lat
Ca
-1
+1
SoilTemp
■ mon
□ ang
-1

Fig. 9(a). Biplot of the initial Canonical Correspondence analysis depicting environmental variations of sites of diploid and polyploid populations rather than individual taxa. Diploid populations are represented by (■) and polyploid populations are represented by (□).

Fig. 9(b). Biplot of the initial Canonical Correspondence analysis depicting environmental variations based on sites which were glaciated or unglaciated during Pleistocene. Unglaciated sites are represented by (●) and glaciated sites are represented by (○).

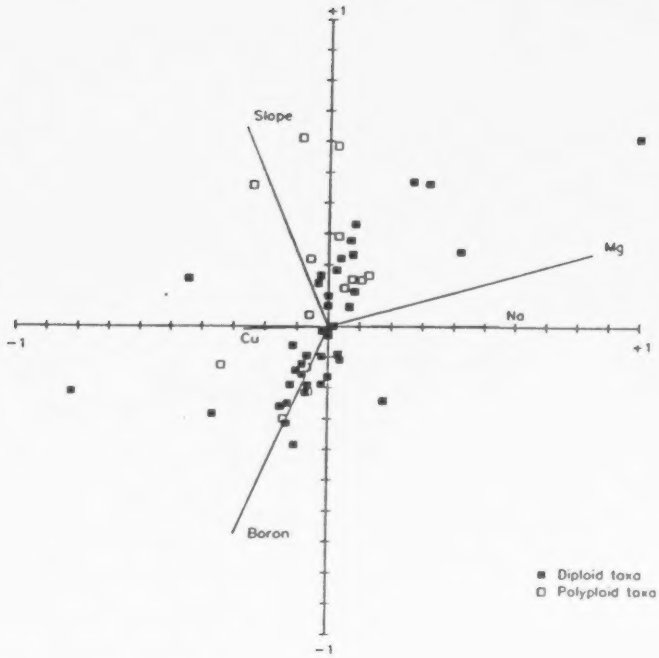


Figure 9(a).

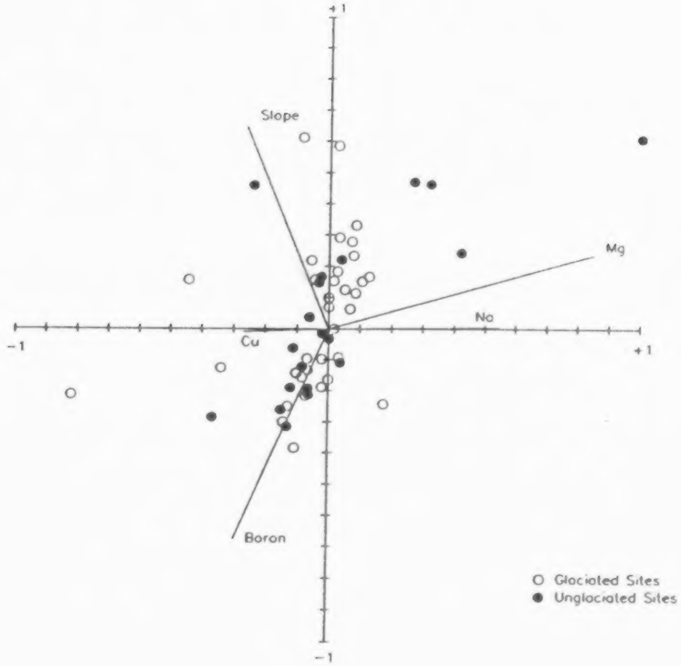


Figure 9(b).

Fig. 10(a). Biplot of the initial Canonical Correspondence analysis depicting environmental variations of diploid populations on glaciated and unglaciated sites. Unglaciated sites are represented by (●) and glaciated sites are represented by (○).

Fig. 10(b). Biplot of the initial Canonical Correspondence analysis depicting environmental variations of polyploid populations on glaciated and unglaciated sites. Unglaciated sites are represented by (●) and glaciated sites are represented by (○).

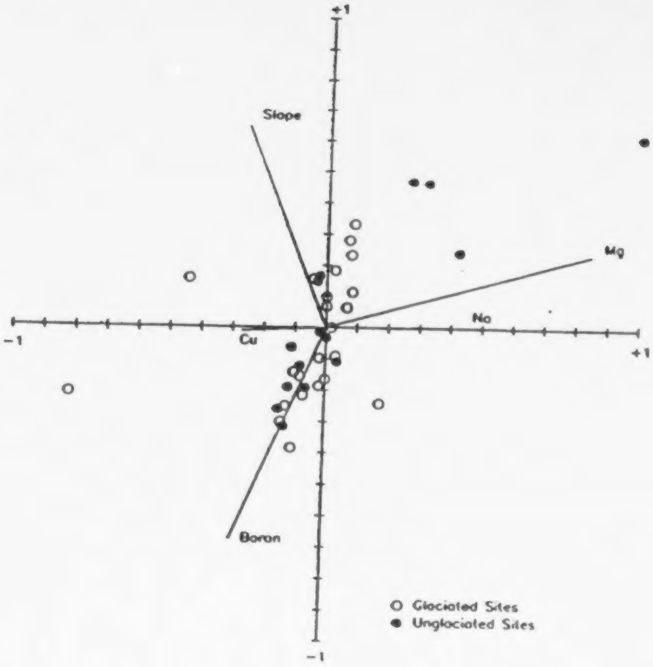


Figure 10(a)

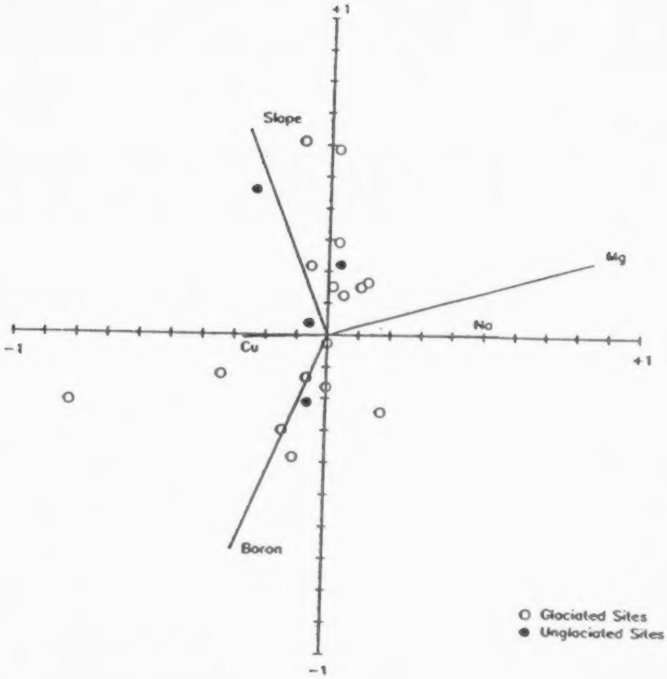


Figure 10(b)

APPENDIX A. List of plant species included in this project. Only those species found within quadrats are included. Names of subspecies are included whenever possible, however due to lack of flowers and fruits it was not always possible (or practical) to key samples further than the specific epithet. *Antennaria* species have not been included as they have already been dealt with in detail. Plants which were only identified to genus or grouped in any way are included but the author has been omitted. The taxonomy follows Hultén (1968).

Achillea millefolium L. (Asteraceae)
Achillea siberica Ledeb. (Asteraceae)
Aconitum delphinifolium spp *delphinifolium* DC. (Ranunculaceae)
Alnus crispa spp. *crispa* (Ait.) Pursh (Betulaceae)
Androsace septentrionalis L. (Primulaceae)
Anemone multifida Poir. (Ranunculaceae)
Anemone narcissiflora L. spp *interior* Hult. (Ranunculaceae)
Anemone parviflora Michx. (Ranunculaceae)
Arctostaphylos rubra (Rehd. & Wilson) Fern. (Ericaceae)
Arctostaphylos uva-ursi (L.) Spreng. (Ericaceae)
Arenaria capillaris Poir. (Caryophyllaceae)
Arnica alpina (L.) Olin ssp. *angustifolia* (M. Vahl) Maguire (Asteraceae)
Arnica frigida C.A.Mey. (Asteraceae)
Artemisia arctica Willd. (Asteraceae)
Aster sibiricus L. (Asteraceae)
Betula glandulosa Michx. (Betulaceae)
Betula nana L. ssp. *exilis* (Sukatsch.) Hult.(Betulaceae)
Botrychium lunaria (L.) Sw. (Ophioglossaceae)
Braya humilis (C.A. Mey.) Robins. ssp. *richardsonii* (Rydb.) Hult. (Brassicaceae)
Campanula lasiocarpa Cham. ssp. *lasiocarpa* (Campanulaceae)
Carex L.
Castilleja hyperborea Pennell (Scrophulariaceae)
Cassiope tetragona (L.) D. Don ssp. *tetragona* (Ericaceae)
Cerastium arvense L. (Caryophyllaceae)
Crepis nana Richards ssp. *nana* (Asteraceae)
Cryptogams (mosses and lichens)
Diapensia lapponica L. ssp. *obovata* (F. Schm.) Hult. (Diapensiaceae)
Dodecatheon frigidum Cham. & Schlecht. (Primulaceae)
Draba nivalis Liljebl. (Brassicaceae)
Dryas drummondii Richards (Rosaceae)
Dryas integrifolia M. Vahl ssp. *integrifolia* (Rosaceae)
Empetrum nigrum L. ssp. *hermaphroditum* (Lange) Böcher (Empetraceae)
Epilobium angustifolium L. spp. *angustifolium* (Onagraceae)
Epilobium latifolium L. (Onagraceae)
Epilobium palustre L. (Onagraceae)
Equisetum arvense L. (Equisetaceae)
Equisetum pratense L. (Equisetaceae)

Equisetum scirpoides Michx. (Equisetaceae)
Erigeron acris L. ssp. *politus* (E. Fries) Schinz & Keller (Asteraceae)
Erigeron compositus Pursh (Asteraceae)
Erigeron humilis Graham (Asteraceae)
Gentiana amarella L. spp. *acuta* (Michx.) Hult. (Gentianaceae)
Gentiana glauca Pall. (Gentianaceae)
Geocaulon lividum (Richards.) Fern. (Santalaceae)
Geum macrophyllum Willd. ssp. *perincisum* (Rydb.) Hult. (Rosaceae)
Grasses
Hedysarum mackenzii Richards (Fabaceae)
Ledum palustre L. (Ericaceae)
Linnaea borealis L. ssp. *americana* (Forbes) Hult. (Caprifoliaceae)
Loiseleura procumbens (L.) Desv. (Ericaceae)
Luetkea pectinata (Pursh) Ktze. (Rosaceae)
Lupinus arcticus S. Wats. (Fabaceae)
Lycopodium annotinum L. ssp. *pungens* (La Pyl.) Hult. (Lycopodiaceae)
Lycopodium complanatum L. (Lycopidiaceae)
Mertensia paniculata (Ait.) G. Don (Boraginaceae)
Minuartia rubella (Wahlenb.) Graebn. (Caryophyllaceae)
Moehringia lateriflora (L.) Fenzl (Caryophyllaceae)
Myosotis alpestris F.W. Schmidt ssp. *asiatica* Vestergr. (Boraginaceae)
Oxytropis campestris (L.) DC. ssp. *gracilis* (Nels.) Hult. (Fabaceae)
Oxytropis maydelliana Trautv. (Fabaceae)
Oxytropus nigrescens (Pall.) Fisch. ssp. *bryophila* (Greene) Hult. (Fabaceae)
Pedicularis capitata Adams (Scrophulariaceae)
Pedicularis kanei Durand ssp. *kanei* (Scrophulariaceae)
Pedicularis verticillata L. (Scrophulariaceae)
Petasites frigidus (L.) Franch.
Phyllodoce empetriformis (Sm.) D. Don (Ericaceae)
Picea glauca (Moench) Voss (Pinaceae)
Pinus contorta Dougl. *ex* Loud. (Pinaceae)
Polemonium acutiflorum Willd. (Polemoniaceae)
Polygonum bistorta L. ssp. *plumosum* (Small) Hult. (Polygonaceae)
Polygonum viviparum L. (Polygonaceae)
Potentilla fruticosa L. (Rosaceae)
Potentilla uniflora Ledeb. (Rosaceae)
Pyrola asarifolia Michx. (Pyrolaceae)
Pyrola secunda L. (Pyrolaceae)
Rubus arcticus L. (Rosaceae)
Salix L.
Saxifraga flagellaris Willd. ssp. *setigera* (Pursh) Tolm. (Saxafragaceae)
Saxifraga oppositifolia L. ssp. *oppositifolia* (Saxafragaceae)
Saxifraga tricuspidata Rottb. (Saxafragaceae)
Sedum rosea (L.) Sop. ssp. *integrifolium* (Raf.) Hult. (Crassulaceae)

Senecio atropurpureus (Ledeb.) Fedtsch. ssp. *frigidus* (Richards.) Hult. (Asteraceae)
Senecio pauciflorus Pursh (Asteraceae)
Senecio lugens Richards. (Asteraceae)
Senecio triangularis Hook. (Asteraceae)
Shepherdia canadensis (L.) Nutt. (Elaeagnaceae)
Sibbaldia procumbens L. (Rosaceae)
Silene acaulis L. ssp. *subacaulescens* (F.N. Williams) Hult. (Caryophyllaceae)
Solidago multiradiata Ait. (Asteraceae)
Spiraea beauverdiana Schneid. (Rosaceae)
Stellaria longifolia Muhl. (Caryophyllaceae)
Taraxicum officinale Weber (Asteraceae)
Tofieldia pusilla (Michx.) Pers. (Liliaceae)
Vaccinium uliginosum L. ssp. *alpinum* (Begel.) Hult. (Ericaceae)
Vaccinium vitis-idaea L. ssp. *minus* (Lodd.) Hult. (Ericaceae)
Viola epipsila Ledeb. ssp. *repens* (Turcz.) Becker (Violaceae)
Woodsia glabella R. Br. (Athyriaceae)

APPENDIX B. Geographical locations of sites, specimen voucher numbers and chromosome number of the taxon for each collection. The taxa are represented by the first three letters of their specific epithet or subspecies name where applicable.

TAXON	VOUCHER NO.	CHROMOSOME NO.	LATITUDE	LONGITUDE
Mon	9201	28	64° 56'	135° 10'
Mon	9202	28	63° 57'	135° 10'
Mon	9203	28	64° 56'	135° 06'
Fri	9204	56	64° 32'	138° 13'
Mon	9205	28	64° 35'	138° 19'
Neo	9206	56	64° 31'	138° 15'
Den	9207	28	64° 58'	138° 12'
Den	9208	28	65° 00'	138° 12'
Mon	9209	28	66° 55'	136° 20'
Ala	9210	28	66° 55'	136° 20'
Den	9211	28	65° 03'	138° 18'
Mon	9212	28	66° 43'	136° 20'
Fri	9213	56	64° 11'	138° 58'
Fri	9214	56	64° 12'	140° 36'
Fri	9215	56	64° 05'	140° 58'
Alp	9216	84	61° 02'	138° 33'
Alp	9217	84	61° 03'	138° 42'
Alp	9218	84	61° 06'	138° 40'
Fri	9219	56	60° 33'	133° 05'
Fri	9220	56	62° 13'	133° 17'
Mon	9221	28	63° 10'	131° 13'
Fri	9222	56	63° 08'	131° 18'
Mon	9223	28	62° 05'	130° 20'
Mon	9224	28	63° 06'	130° 25'
Alp	9225	56	63° 06'	130° 24'
Ala	9226	28	67° 13'	135° 32'
Ala	9227	28	67° 12'	135° 45'
Mon	9228	28	63° 15'	130° 03'
Alp	9229	84	63° 15'	130° 04'
Alp	9230	84	63° 13'	130° 05'
Mon	9231	28	63° 13'	130° 05'
Mon	9232	28	63° 17'	130° 10'
Fri	9233	56	64° 36'	141° 15'
Mon	9234	28	65° 10'	145° 58'
Ala	9235	28	65° 18'	145° 57'
Ala	9236	28	65° 32'	145° 30'
Ala	9237	28	65° 32'	145° 21'
Mon	9238	28	65° 32'	145° 20'
Ala	9239	28	66° 13'	150° 20'

APPENDIX B Continued

TAXON	VOUCHER NO.	CHROMOSOME NO.	LATITUDE	LONGITUDE
Ala	9240	28	66° 12'	150° 22'
Ala	9241	28	66° 29'	150° 45'
Ang	9242	56	66° 29'	150° 45'
Ala	9243	28	66° 31'	150° 47'
Ala	9244	28	68° 03'	149° 38'
Ala	9245	28	69° 28'	148° 40'
Fri	9246	56	69° 12'	148° 50'
Ala	9247	28	69° 28'	148° 42'
Ala	9248	28	68° 32'	149° 29'
Ala	9249	28	68° 27'	149° 25'
Ang	9250	56	68° 06'	149° 32'
Ala	9251	28	66° 30'	150° 45'
Mon	9252	28	63° 05'	145° 41'
Fri	9253	56	63° 05'	145° 41'
Mon	9254	28	63° 15'	145° 40'
Fri	9255	56	63° 15'	145° 40'
Mon	9256	28	62° 45'	149° 25'
Fri	9257	56	62° 45'	145° 25'
Ala	9258	28	62° 20'	149° 10'
Ala	9259	28	62° 55'	147° 08'
Ala	9260	28	62° 08'	149° 05'
Ala	9261	28	63° 49'	148° 58'
Ala	9262	28	62° 45'	149° 20'

APPENDIX C. Species abundance averages for all species present at each collection site. Names of all species are abbreviated to the first three letters of the genus and spsecific epithet. Grouped taxa are included as individual species and include the following: Salix (SALSPP), Carex (CARSPP), Grasses (GRASPP), and Cryptogams (CRYPTS). Bare ground is abbreviated as BARGRO. Site names are abbreviated as follows: Yukon (YKN), Northwest Territories (NWT), and Alaska (ALA).

		ACHMIL	ACHSIB	ACODEL	ALNCRI	ANDSEP	ANEMUL	ANENAR	ANEPAR	ANTALA	ANTALP	ANTANG
YKN01	1	0	0	0	0	0	0	0.193	0	0	0	0
YKN02	2	0	0	0	0	0.003	0	0	2.84	0	0	0
YKN03	3	0	0	0	0	0	0	2.693	0.007	0	0	0
YKN04	4	0	0	0	0	0.067	0	0	0	0	0	0
YKN05	5	0	0	0.283	0	0	0	0	0	0	0	0
YKN06	6	0	0	0	0	0	0	0	0	0	0	0
YKN07	7	0	0	0	0	0	0	0	0	0	0	0
YKN08	8	0	0	0	0	0	0	0	0	0	0	0
YKN09	9	0	0	0	0	0	0	0	0	0.29	0	0
YKN10	10	0	0	0	0	0	0	0	0	0	0	0
YKN11	11	0	0	0	0	0	1.23	0	2.833	0	0	0
YKN12	12	0	0	0	0	0	0	0	0	0	0	0
YKN13	13	0	0	0	0	0	0	0	0	0	0	0
YKN14	14	0	0	0	0	0	0	0	0	0	0	0
YKN15	15	0.323	0	0	0	0	0.067	0	0	0	1.33	0
YKN16	16	0	0	0	0	0	0.107	0	0	0	0.98	0
YKN17	17	0	0	0	0	0	0	0	0	0	2.673	0
YKN18	18	0	0	0	0	0	0	2.96	0	0	0	0
YKN19	19	0	0	0	0	0	0.377	0	0	0	0	0
YKN20	20	0	0	0	0	0	0	0	0	0	0	0
YKN21	21	0	0	0	0	0	0	0	0	0	0	0
YKN22	22	0	0	0	0	0	0	0	0	0	0	0
YKN23	23	0	0	0	0	0	0	0	0	0	0.23	0
NWT01	24	0	0	0.393	0	0	0.613	0	0	0.53	0	0
NWT02	25	0	0	0	0	0	0.193	0	0	0.873	0	0
NWT03	26	0	0	0	0	0	0	0	0	0	0	0
MWT04	27	0	0	0	0	0	0.037	0	0	0	0.99	0
NWT05	28	0	0	0	0	0	0	0	0	0	0.333	0
NWT06	29	0	0	0	0	0	0	0	0.71	0	0	0
ALA01	30	0	0	0	0	0	0	0	0	0	0	0
ALA02	31	0	0	0	0	0	1.983	0	2.78	0	0	0
ALA03	32	0	0	0	0	0	0	0.1	0	3.153	0	0
ALA04	33	0	0	0	0	0	0	0	0.027	1.757	0	0
ALA05	34	0	0	0	0	0	0	0	0	2.103	0	0
ALA06	35	0	0	0	0	0	2.867	0.053	0	0	0	0
ALA07	36	0	0	0	0	0	0	0	0	0.12	0	0
ALA08	37	0	0	0	0	0	0	0	0	0.143	0	0
ALA09	38	0	0	0	0	0	0	0	0	0.313	0	0
ALA10	39	0	0	0	0	0	0	0	0	0.55	0	0
ALA11	40	0	0	0	0	0	0	0	0.153	1.95	0	0
ALA12	41	0	0	0	0	0	0	0	0	1.27	0	0
ALA13	42	0	0	0	0	0	0	0	0	0	0	0
ALA14	43	0	0	0	0	0	0	0.83	0	2.247	0	0
ALA15	44	0	0	0	0	0	0	0.56	0	3.103	0	0
ALA16	45	0	0	0	0	0	0	0.013	0	1.037	0	0
ALA17	46	0	0	0.427	0	0	1.9	0	13.547	0	0	1.587
ALA18	47	0	0	0	0	0	0	0	0	1.483	0	0
ALA19	48	0	0.04	0	0	0	0	0	0	0	0	0
ALA20	49	0	0	0	1.37	0	0.067	0	0	0	0	0
ALA21	50	0	0.04	0.393	1.37	0	0.727	0	0.587	0.53	0.99	0
ALA22	51	0	0	0	0	0	0	0	0	1.75	0	0
ALA23	52	0	0	0	0	0	0	0	0	1.36	0	0
ALA24	53	0	0	0	0	0	0	0	0	0.563	0	0
ALA25	54	0	0	0	0	0	0	0	0	0.663	0	0
ALA26	55	0	0	0	0	0	0	0.043	0	0.467	0	0

		ANTFRI	NTMO	ANTNEO	ARCRU	ARCUVA	ARECAP	ARNALP	ARNFRI	ARTARC	ASTSIB	BARGRO
YKN01	1	0	4.713	0	0	0	0.063	0	0	0	0	14.683
YKN02	2	0	3.77	0	0	0	0	0	0	0	0	12.027
YKN03	3	0	9.233	0	0	0	0	0	0	0	0	29.88
YKN04	4	3.51	0	0	0	0	0	0.18	0	0	0	26.813
YKN05	5	0	7.56	0	0	0	0	0	0	0	0	43.807
YKN06	6	0	0	4.097	0	0	0	0	0	0	0	68.18
YKN07	7	0	0	0	0	0	0	0	0	0	0	74.543
YKN08	8	0	0	0	0	0	0	0.02	0	0	0	77.644
YKN09	9	0	0.037	0	2.57	0	0	0	0	0	0	64.087
YKN10	10	0	0	0	0	0	0	0	0	0	0	58.507
YKN11	11	0	3.857	0	0	0	0	0	0	0	0	0.287
YKN12	12	1.563	0	0	10.007	0	0	0	0	0	0	46.663
YKN13	13	0.407	0	0	0.127	0	0	0	0	0	0	61.383
YKN14	14	0.723	0	0	0.467	0	0	0	0	0	0	30.357
YKN15	15	0	0	0	0	0.06	0	0	0	1.197	0	85.133
YKN16	16	0	0	0	0	0	0	0	0.06	0.393	0	74.48
YKN17	17	0	0	0	1.553	5.64	0	0	0	0	0	0.86
YKN18	18	0.283	0	0	0	0	0	0	0	0	0	42.54
YKN19	19	0.773	0	0	0	0	0	0	0	0	0	51.12
YKN20	20	0	0.18	0	0	0	0	0	0	0	0	52.6
YKN21	21	0.447	0	0	5.307	0	0	0	0	0	0	51.387
YKN22	22	0	1.074	0	0	0	0	0	0	0	0	64.993
YKN23	23	0	0.61	0	0	0	0	0	0	0	0	4.81
NWT01	24	0	0	0	5.47	0.603	0	0	0	0	0	51.33
NWT02	25	0	0	0	0.327	0.32	0	0	0	0	0	49.103
NWT03	26	0	4.093	0	0	0	0	0	0	0	0	67.333
MWT04	27	0	0	0	0	0	0	0	0	0	0	36.07
NWT05	28	0	0.367	0	0	0	0	0	0	0	0	1.267
NWT06	29	0	0.873	0	0	0	0	0	0	0	0	18.88
ALA01	30	1.183	0	0	0	0	0	0	0	0	0	20.747
ALA02	31	0	2.723	0	0	0	0	0	0	0	0	17.15
ALA03	32	0	0	0	0.247	0	0	0	0	0	0	31.537
ALA04	33	0	0	0	0	0	0	0	0	0	0	52.717
ALA05	34	0	0	0	0	0	0	0	0	0.277	0	58.447
ALA06	35	0	2.16	0	0	0	0	0	0	0.25	0	2.847
ALA07	36	0	0	0	3.053	0	0	0	0	0	0	22.58
ALA08	37	0	0	0	0.37	0	0	0	0	0	0	10.737
ALA09	38	0	0	0	0.08	0	0	0	0	0	0	71.483
ALA10	39	0	0	0	0	0	0	0	0	0	0	35.9
ALA11	40	0	0	0	0.447	0	0	0	0.15	0	0	61.73
ALA12	41	0	0	0	0	0	0	0	0	0	0	52.14
ALA13	42	0.44	0	0	0	0	0	0	0	0	0	41.547
ALA14	43	0	0	0	6.54	0	0	0.087	0	0	0	22.463
ALA15	44	0	0	0	0.153	0	0	0.027	0	0.133	0	27.89
ALA16	45	0	0	0	0	0	0	0.113	0	0	0	27.943
ALA17	46	0	0	0	0	0	0	0.14	0	0	0	1.393
ALA18	47	0	0	0	9.037	0	0	0.4	0	0	0	64.587
ALA19	48	0.057	2.527	0	0	0	0	0	0	0	0	26.75
ALA20	49	0.583	0.59	0	0.633	0	0	0	3.383	0	0.933	28.34
ALA21	50	0.583	2.72	0	0.633	0.603	0	0	3.383	0.407	0.933	50.743
ALA22	51	0	0	0	0	0	0	0	0.14	0	0	51.737
ALA23	52	0	0	0	0	0	0	0	0	0.093	0	62.933
ALA24	53	0	0	0	0.293	0	0	0	0	0	0	25.997
ALA25	54	0	0	0	0	0	0	0	0	0	0	33.463
ALA26	55	0	0	0	0	0	0	0	0	0	0	33.407

		BETNA	BOTLU	BRAHU	CAMLA	CARSPP	CASHYP	CASTET	CERARV	CRENAN	DIALAP	DODFRI
YKN01	1	0	0	0	0.253	0	0	0	0	0	0	0
YKN02	2	0	0	0	0.137	1.43	0	0	0	0	0	0
YKN03	3	0	0	0	0	0.743	0	0	0	0	0	0
YKN04	4	0	0	0	0	0.95	0	0	0	0	0	0
YKN05	5	2.503	0.007	0	0	0.16	0	0	0	0	0	0
YKN06	6	0.563	0	0	0	0.357	0	0	0	0	0	0
YKN07	7	0	0.017	0	0	0.053	0	0	0.113	0	0	0
YKN08	8	0	0	0	0	0	0	0	0	0	0	0
YKN09	9	1.34	0	0	0	0	0	0	0	0	0	0
YKN10	10	0	0	0.007	0	3.627	0	0	0	0	0	0
YKN11	11	0.143	0	0.007	0	8.24	0	0	0	0	0	0
YKN12	12	1.88	0	0	0.013	0.63	0	0	0	0	0	0
YKN13	13	0	0	0	0	0.133	0	0	0	0	6.273	0
YKN14	14	0	0	0	0	0.2	0	0	0	0	0.7	0
YKN15	15	0	0	0	0	1.533	0.003	0	0	0	0	0
YKN16	16	0	0	0	0	0.187	0	0	0.03	0.287	0	0.663
YKN17	17	0	0	0	0	0.76	0	0	0	0	0	0
YKN18	18	3.217	0	0	0.013	0.063	0	0	0	0	0	0
YKN19	19	0	0	0	0	0.387	0	0	0	0	0	0
YKN20	20	0	0	0	0.01	0.307	0	0	0	0	0	0
YKN21	21	2.343	0	0	0	0.72	0	0	0	0	0	0
YKN22	22	0	0	0	0	0.151	0	0.201	0	0	0	0
YKN23	23	0	0	0	0	0.413	0	0.007	0	0	0	0
NWT01	24	1.49	0	0	0	0.267	0	0	0	0	0	0
NWT02	25	5.437	0	0	0	0	0	0	0	0	0	0
NWT03	26	2.247	0	0	0	0.09	0	2.337	0	0	0	0
MWT04	27	0.013	0	0	0	0.45	0	0	0	0	0	0
NWT05	28	3.49	0	0	0	0.833	0	0.337	0	0	0	0
NWT06	29	0	0	0	0	1.867	0	1.033	0	0	0	0
ALA01	30	0	0	0	0	0.057	0	0	0	0	0	0
ALA02	31	0	0	0	0.27	0.923	0	7.747	0	0	3.417	0
ALA03	32	0	0	0	0.063	0	1.163	0	0	0	0.19	0
ALA04	33	0	0	0	0.033	3.233	0	0	0	0	2.15	0
ALA05	34	0	0	0	0.02	1.2	0	0	0	0	4.613	0
ALA06	35	0	0	0	0.31	1.92	0	10.453	0	0	1.78	0
ALA07	36	2.613	0	0	0.043	0.033	0	0	0	0	0.773	0
ALA08	37	0.867	0	0	0.083	0.153	0	0	0	0	1.607	0
ALA09	38	0.127	0	0	0.007	0.027	0	0	0	0	0	0
ALA10	39	0	0	0	0.037	1.507	0	0	0	0	0	0
ALA11	40	0	0	0	0	0.007	0	0	0	0	0	0
ALA12	41	0	0	0	0	0.023	0	0	0	0	0	0
ALA13	42	0	0	0.5	0	1.407	0	0	0	0	0	0
ALA14	43	0	0	0	0	0.18	0	0	0	0	0	0
ALA15	44	0	0	0	0	0.05	0	0	0	0	0.1	0
ALA16	45	0	0	0	0	0.917	0	0	0	0	0	0
ALA17	46	0	0	0	0	30.847	0	0	0	0	0	1.013
ALA18	47	0.367	0	0	0	0.373	0	0	0	0	0	0
ALA19	48	5.27	0	0	0	0	0	0	0	0	0	0
ALA20	49	1.41	0	0	0.05	0.077	0	0.083	0.033	0	0.467	0
ALA21	50	1.41	0	0	0.323	7.197	0	0.083	0.03	0.467	0.517	0
ALA22	51	0	0	0	0.007	1.947	0	0	0	0	6.99	0
ALA23	52	0	0	0	0	1.707	0	0	0	0	1.897	0
ALA24	53	0	0	0	0	0.263	0	0	0	0	0.883	0
ALA25	54	0	0	0	0.053	1.193	0	0	0	0	0	0
ALA26	55	0	0	0	0.007	0.693	0	0	0	0	0	0

		DRYINT	EMPNIG	EPIANG	EPILAT	EPIPAL	EQUARV	EQUPRA	EQUSCI	ERIACR	ERICOM	ERIHUM
YKN01	1	1.247	0	0	0	0	0	0	0	0	0	0
YKN02	2	0	0	0	0	0	0	0	0	0	0	0
YKN03	3	0	0	0	0	0	0	0	0	0	0	0
YKN04	4	9.95	0.52667	0	0	0	0	0	0	0	0	0
YKN05	5	0	0	0	3.393	0	0	0	0	0	0	0
YKN06	6	0	0	0.8	0	0.023	1.013	0	0	0	0	0
YKN07	7	3.253	0	0	0	0	0	0	0	0	0	0
YKN08	8	1.1	0	0	0	0	0	0	0	0	0	0
YKN09	9	1.513	2.56	0	0	0	0	0	0	0	0	0
YKN10	10	7.14	0	0.004	0	0	0	0	0	0.107	0	0
YKN11	11	0	0.423	1.047	0	0	0.017	0	0	0	0	0
YKN12	12	0.067	0	0.04	0	0	0	0	0	0	0	0
YKN13	13	12.277	0	0	0	0	0	0	0	0	0	0
YKN14	14	7.023	0	0	0	0	0	0	0	0	0	0
YKN15	15	0	0	0	0	0	0	0	0	0	0.2	0
YKN16	16	2.617	0	0	0	0	0	0	0	0	0	0
YKN17	17	0.06	0.11	2.027	0	0	0	0	0.013	0	0	0
YKN18	18	0	0	0.71	0	0	0	0	0	0	0	0
YKN19	19	4.383	0	0	0	0	0	0	0	0	0	0
YKN20	20	2.973	1.013	0	0	0	0	0	0	0	0	0
YKN21	21	0	0	0	0	0	0	0	0	0	0	0
YKN22	22	0	0	0.02	0	0	0	0	0	0	0	0
YKN23	23	0	0	0	0	0	0	0	0	0	0	0
NWT01	24	3.74	1.653	0	0	0	0	0	0	0	0	0
NWT02	25	0.713	0.753	0	0	0	0	0	0	0	0	0
NWT03	26	0	0	0.02667	0	0	0	0	0	0	0	0
MWT04	27	0	0	1.09	0	0	0	0	0	0	0	0
NWT05	28	0	0	0	0	0	0	0	0	0	0	0
NWT06	29	0	0	0	0	0	0	0	0	0	0	0
ALA01	30	4.953	0	0	0	0	0	0	0	0	0	0
ALA02	31	7.777	0.277	0	0	0	0	0	0	0	0	0
ALA03	32	26.977	0.117	0	0	0	0	0	0	0	0	0
ALA04	33	21.63	0	0	0	0	0	0	0	0	0	0
ALA05	34	8.237	0	0	0	0	0	0	0	0	0	0
ALA06	35	20.767	0	0	0	0	0	0	0	0	0	0
ALA07	36	3.17	0.3	0	0	0	0	0	0	0	0	0
ALA08	37	4.896	0	0	0	0	0	0	0	0	0	0
ALA09	38	5.72	0	0	0	0	0	0	0	0	0	0
ALA10	39	1.967	0	0	0	0	0	0	0	0	0	0
ALA11	40	1.827	0	0	0	0	0	0	0	0	0	0
ALA12	41	15.617	0	0	0	0	0	0	0	0	0	0
ALA13	42	2.723	4.17	0	0	0	0	0	0	0	0	0
ALA14	43	27.253	0	0	0	0	0	0	0	0	0	0
ALA15	44	59.943	0.117	0	0	0	0	0	0	0	0	0
ALA16	45	14.013	0	0	0	0	0	0	0	0	0	0
ALA17	46	2.447	0	0	0	3.147	0	0	0	0	0	0
ALA18	47	1.773	0	0	0	0	0	0	0	0	0	0
ALA19	48	0	0	1.24	0.14	0	0	0	0	0.11	0	0
ALA20	49	0.263	2.45	0.01	0.17	0	0	0.01	0	0	0	0
ALA21	50	0.49	1.407	0.01	0.17	0	0.01	0.01	0	0.11	0	0
ALA22	51	6.38	0	0	0	0	0	0	0	0	0	0
ALA23	52	0.623	0	0	0	0	0	0	0	0	0	0
ALA24	53	2.957	0.347	0	0	0	0	0	0	0	0	0
ALA25	54	3.493	0	0	0	0	0	0	0	0	0	0
ALA26	55	7.173	0	0	0	0	0	0	0	0	0	0

		GENGLA	GEOLIV	GEUMA	GRASPP	HEDMAC	LEDPAL	LINBOR	LOIPRO	LUEPEC	LUPARC	LYCANN
YKN01	1	0	0	0.023	15.767	0	0	0	0	0	0	0
YKN02	2	0.12	0	1.483	2.05	0	0	0	0	0	0	0
YKN03	3	0	0	0	2	0	0	0	0	0	0	0
YKN04	4	0	0	0	0.183	0	0	0	0	0	0	0
YKN05	5	0	0	0	3.03	0	0	0	0	0	0	0
YKN06	6	0	0	0	3.077	0	0	0	0	0	0	0
YKN07	7	0	0	0	0.873	0	0	0	0	0	0	0
YKN08	8	0	0	0	0.41	0.12	0	0	0	0	0	0
YKN09	9	0	0	0	0	0	0	0	0	0	0	0
YKN10	10	0	0	0	0.796	0	0.14	0	0	0	0	0
YKN11	11	0.027	0	0	17.92	0.003	0	0	0	0	0	0
YKN12	12	0.343	0	0	0.143	0	0	0	0	0	0	0
YKN13	13	0	0	0	0.183	0	0	0	0.047	0	0	0
YKN14	14	0.31	0	0	0.633	0	0	0	0	0	0	0
YKN15	15	0	0	0	2.003	0	0	0	0	0	0	0
YKN16	16	0.197	0	0	0.9	0	0	0	0	0	0	0
YKN17	17	1.843	0.073	0	1.117	2.723	0.707	24.937	0	0	0	0
YKN18	18	0	0	0	0.537	0	0	0	0	0	0	0
YKN19	19	0	0	0	0.11	0	0	0	0	0	0	0
YKN20	20	0	0	0	0.12	0	0	0	0	0	0	0
YKN21	21	0.123	0	0	0.827	0	0	0	0	0	0	0
YKN22	22	0.181	0	0	1.275	0	0	0	0	0	0	0
YKN23	23	0.023	0	0	0.497	0	0	0	0	0	0	0
NWT01	24	0	0	0	0.44	0	0.133	0	0	0	0	0
NWT02	25	0	0	0	0.01	0	0	0	0	0	0	0
NWT03	26	0.577	0	0	2.157	0	0	0	0	0	0	0
MWT04	27	0.353	0	0	12.649	0	0	0	0	0	0	0
NWT05	28	0.037	0	0	0.266	0	0	0	0	0	0	0.083
NWT06	29	0	0	0	0.007	0	0	0	0	0	0	0.027
ALA01	30	0.213	0	0	0.24	0	0	0	0	0	0	0
ALA02	31	0.193	0	0	4.463	0	0	3.796	0	0	0	0
ALA03	32	0	0	0	1.067	0	0	0	0	0	0	0
ALA04	33	0	0	0	0.31	0	0	0	0.047	0	0	0
ALA05	34	0	0	0	0.17	0	0	0	0	0	0	0
ALA06	35	0.187	0	0	0.327	0	0	0	0	0	0	0
ALA07	36	0	0	0	0.74	0	0	0	0	0	0	0
ALA08	37	0	0	0	0.357	0	1.247	0	1.933	0	0	0
ALA09	38	0	0	0	0.043	0	0	0	0	1.07	0	0
ALA10	39	0	0	0	0.073	0	0	0	0	0	0.413	0
ALA11	40	0	0	0	0.073	0	0	0	0	0	0	0
ALA12	41	0	0	0	0.003	0	0	0	0	0	0	0
ALA13	42	0	0	0	0.117	0	0	0	0.013	0	0	0
ALA14	43	0	0	0	0.923	0	0	0	0	0	0	0
ALA15	44	0	0	0	0.21	0	0.017	0	0	0	0	0
ALA16	45	0	0	0	0.417	0	0	0	0	0	0	0
ALA17	46	0	0	0	4.883	0	0	0	0	3.623	0	0
ALA18	47	0	0	0	0.32	0	0	0	0	0	0	0
ALA19	48	0	0	0	0.583	0	2.093	0	0	0	0	0
ALA20	49	0	0	0	0.74	0	0.073	0	0	0	0	0
ALA21	50	0.577	0	0	0.417	0	0.627	0	1.863	0	0	0.083
ALA22	51	0	0	0	0.45	0	0	0	0	0	0	0
ALA23	52	0	0	0	0.483	0	0	0	0	0	0	0
ALA24	53	0	0	0	0.24	0	0	0	0	0	0	0
ALA25	54	0	0	0	0.577	0	0	0	0	0	0	0
ALA26	55	0	0	0	0.493	0	0	0	0	0	0	0

		MERPA	MINRU	MOELAT	CRYPTS	MYOALP	OXYCA	OXYNIG	OXYMA	PEDCAP	PEDKAN	PEDVER
YKN01	1	0	0	0	54.673	0	0	0	0	0	0	0.4
YKN02	2	0	0	0	73.14	0	0	0	0	0	0	0.007
YKN03	3	0	0	0	37.323	0	0	0	0	0	0	0
YKN04	4	0	0	0	45.32	0	0	0	0	0	0	0
YKN05	5	2.017	0	0.003	17.147	0	0	0	0	0	0	0
YKN06	6	0	0	0	11.427	0	0	0	0	0	0	0
YKN07	7	0	0.01	0	1.99	0	0	0	0	0	0	0
YKN08	8	0	0	0	0	0	0.17	0	0	0	0	0
YKN09	9	0	1.067	0	80.077	0	0.13	0	0	0	0	0
YKN10	10	0	0	0	13.753	0	0	0	0	0	0	0
YKN11	11	1.867	0	0	15.977	0.113	0	0	0	0	0	0
YKN12	12	0	0	0.023	20.773	0	0	0	0	0	0	0
YKN13	13	0	0	0	40.3	0	0	0	0	0	0	0
YKN14	14	0	0	0	55.28	0	0	0	0	0	0	0
YKN15	15	0	0	0	1.04	0	1.547	0	0	0	0	0
YKN16	16	0	0	0	4.117	0	2.157	0	0	0	0	0
YKN17	17	2.72	0	0	16.6	0	0	0	0	0	0	0
YKN18	18	0	0	0	47.636	0	0	0	0	0	0	0
YKN19	19	0	0	0	22.33	0	0	0	0	0	0	0
YKN20	20	0	0	0	35.29	0	0	0	0	0	0	0
YKN21	21	0	0	0	21.247	0	0	0	0	0	0	0
YKN22	22	0	0	0	15.252	0	0	0	0	0	0	0
YKN23	23	0	0	0	87.547	0	0	0	0	0	0	0
NWT01	24	0	0	0	19.403	0	0	0	0.267	0	0.047	0
NWT02	25	0	0	0	40.913	0	0	0	0	0	0	0
NWT03	26	0	0	0	19.593	0	0	0	0	0	0	0
MWT04	27	0	0	0	18.683	0	0	0	0	0	0	0
NWT05	28	0	0	0	82.793	0	0	0	0	0	0	0
NWT06	29	0	0	0	53.467	0	0	0	0	0	0	0
ALA01	30	0	0.107	0	58.413	0	0	0	0	0	0	0
ALA02	31	0	0	0	15.663	0	0	0	0	0	0	0
ALA03	32	0	0	0	4.813	0	0	0	0	0	0	0.83
ALA04	33	0	0	0	2.077	0	0	0	0	0	0	0
ALA05	34	0	0.09	0	12.187	0	0	0	1.107	0	0	0
ALA06	35	0	0	0	51.607	0	0	0	0.013	0	0.39	0
ALA07	36	0	0.223	0	67.657	0	0	0	0	0	0.28	0
ALA08	37	0	0	0	71.597	0	0	0	0	0	0	0
ALA09	38	0	0.153	0	20.543	0	0	0	0	0	0	0
ALA10	39	0	0.67	0	38.467	0	0	0	0.503	0	0	0
ALA11	40	0	0	0	10.74	0	0	0	0.053	0	0	0
ALA12	41	0	0	0	19.24	0	0	0	0.353	0	0.003	0
ALA13	42	0	0	0	19.337	0	0	0	0	0	0	0
ALA14	43	0	0.073	0	17.993	0	0	0	1.377	0	0	0
ALA15	44	0	0	0	32.327	0	0	0	0	0	0	0
ALA16	45	0	0	0	41.11	0	0	0	0.307	0	0	0
ALA17	46	0	0	0	46.887	0	0	0.407	0	0.533	0	0
ALA18	47	0	0	0	13.977	0	0	0	0.08	0.113	0	0
ALA19	48	0	0	0	20.927	0	0	0	0	0	0	0
ALA20	49	0	0	0	35.163	0	0	0	0	0	0	0
ALA21	50	0	0	0	15.953	0	0	0	0.267	0.02	0.117	0
ALA22	51	0	0	0	10.941	0	0	0	0.027	0	0	0
ALA23	52	0	0.02	0	6.463	0	0	0	0.1	0	0	0
ALA24	53	0	0	0	61.963	0	0	0	0	0	0.06	0
ALA25	54	0	0	0	34.2	0	0	0	0.117	0	0	0
ALA26	55	0	0	0	41.763	0	0	0	0.14	0	0	0

		PHYEM	PICGLA	PINCON	POLAC	POLBIS	POLVIV	POTFRU	POTUNI	PYRASA	PYRSEC	RUBARC
YKN01	1	0	0	0	0.16	1.297	0	0	0	0.08	0	0
YKN02	2	0	0	0	0	0.74	0	0.12	0	0	0	0
YKN03	3	0	0	0	0	0	0	0	0	0	0	0
YKN04	4	0	0	0	0	0	0	0	0	0	0	0
YKN05	5	4.617	0	0	0	0	0	0.793	0	0	0	0
YKN06	6	0	0	0	0	0	0	0	0	0	0	0
YKN07	7	0	8.947	0	0	0	0	0	0	0	0	0
YKN08	8	0	0	0	0	0	0	0	0	0	0	0
YKN09	9	0	0	0	0	0	0	0	0	0	0	0
YKN10	10	0	0	0	0	0	0	0	0	0	0	0
YKN11	11	0	0	0	0	0.507	0	0	1.57	0	0	1.2
YKN12	12	0	0	0	0	0	0	0	0	0	0	0
YKN13	13	0	0	0	0	0	0	0	0	0	0	0
YKN14	14	0	0	0	0	0	0	0	0	0	0	0
YKN15	15	0	0	0	0	0	0	0	0.277	0	0	0
YKN16	16	0	0	0	0	0.033	0	0	0	0	0	0
YKN17	17	0	0.673	0	0	0	0	0.007	0	0.12	0	0
YKN18	18	0	0	0.013	0	0	0	0	0	0	0	0
YKN19	19	0	0	0	0	0	0	0	0	0	0	0
YKN20	20	0	0	0	0	0	0	0	0	0	0	0
YKN21	21	0	0	0	0	0	0	0	0	0	0	0
YKN22	22	0	0	0	0	0	0	0	0	0	0	0
YKN23	23	0	0	0	0	0	0	0	2.33	0	0	0.137
NWT01	24	0	0	0	0	0	0	0	0	0	0	0
NWT02	25	0	0	0	0	0	0	0	0	0	0	0
NWT03	26	0	0	0	0	0	0	0	0	0	0	0
MWT04	27	0	0	0	0	0	0	0	0	0.033	0	0.11
NWT05	28	0	0	0	0	0	0	0	0	0	0	0.177
NWT06	29	0	0	0	0	0	0	0	0	0	0	0
ALA01	30	0	0	0	0	0	0	0	0	0	0	0
ALA02	31	0	0	0	0	0.37	0	0	0	0	0	0
ALA03	32	0	0	0	0	0.67	0	0	0	0	0	0
ALA04	33	0	0	0	0.09	0	0	0	0	0	0	0
ALA05	34	0	0	0	0.063	0	0	0	0	0	0	0
ALA06	35	0	0	0	0	0	1.23	0	0	0.033	0	0
ALA07	36	0	0	0	0	0	0	0	0	0	0	0
ALA08	37	0	0	0	0	0	0	0	0	0	0	0
ALA09	38	0	0	0	0	0	0	0	0	0	0	0
ALA10	39	0	0	0	0	0	0.393	0	0	0	0	0
ALA11	40	0	0	0	0	0	0	0	0.1	0	0	0
ALA12	41	0	0	0	0	0	0	0	0	0	0	0
ALA13	42	0	0	0	0	0	0	0	0.333	0	0	0
ALA14	43	0	0	0	0	0	0	0	0.147	0	0	0
ALA15	44	0	0	0	0	0	0	0	0	0	0	0
ALA16	45	0	0	0	0	0	0	0	0	0	0	0
ALA17	46	0	0	0	3.087	1.973	0	1.647	0	0	0	0
ALA18	47	0	4.567	0	0	0	0	0	0	0	0	0
ALA19	48	0	0	0	0	0	0	0	0	0	0.08	0
ALA20	49	0	0	0	0	0.013	0	0	0.077	0.237	0	0
ALA21	50	0	0	0	0	0.02	0.93	0.993	0.077	0.237	0	0.08
ALA22	51	0	0	0	0	0	0.03	0	0	0	0	0
ALA23	52	0	0	0	0	0	0.007	0	0	0	0	0
ALA24	53	0	0	0	0	0	0	0	0	0	0	0
ALA25	54	0	0	0	0	0	0	0	0	0	0	0
ALA26	55	0	0	0	0	0	0	0	0	0	0	0

		SAXFLA	SAXOPP	SAXTRI	SEDROS	SENATR	SENPAU	SENLUG	SENTRI	SHECAN	SIBPRO	SILACA
YKN01	1	0	0	0	0	0.153	0	0	0	0	0	0
YKN02	2	0	0	0	0	0.013	0	0	0	0	0	0
YKN03	3	0	0	0	0	0.14	0	0	0	0	0	0
YKN04	4	0	0	0	0	0	0	0	0	0	0	0
YKN05	5	0	0	0	0	0	0	0.503	0	0.307	0	0
YKN06	6	0	0	0	0	0	0	0.013	0	0	0	0
YKN07	7	0	0	0.187	0	0	0	0	0	0	0	0
YKN08	8	0	0	0	0	0	0	0	0	0	0	0
YKN09	9	0	0.047	0.07	0	0	0	0	0	0	0	0
YKN10	10	0	0.493	0	0	0	0	0	0	0	0	0
YKN11	11	0	0	0	0	0	0	0	0	0	0	0
YKN12	12	0	0	1.01	0	0	0	0	0	0	0	0
YKN13	13	0	0	0	0	0	0	0	0	0	0	0
YKN14	14	0	0	0	0	0	0	0	0	0	0	0
YKN15	15	0	0	1.823	0	0	0	0.657	0	0	0	0
YKN16	16	0	0.89	2.97	0.003	0	0	0.207	0	0	0	2.64
YKN17	17	0	0	0	0	0	0	0	0	0.513	0	0
YKN18	18	0	0	0	0	0	0	0	0.87	0	0	0
YKN19	19	0	0	0	0	0	0	0	0	0	0	0
YKN20	20	0	0	0.263	0	0	0	0	0	0	0	0
YKN21	21	0	0	0.423	0	0	0	0	0	0	0	0
YKN22	22	0	0	0.027	0	0	0	0	0.275	0	0.705	0
YKN23	23	0	0	0	0	0	0	0	0.51	0	0	0
NWT01	24	0	0	0	0	0	0	0	0	0	0	0.073
NWT02	25	0	0	0	0	0	0	0	0	0	0	0
NWT03	26	0	0	0.017	0	0	0	0	0.193	0	3.55	0
MWT04	27	0	0	0	0	0	0	0	0.22	0	4.67	0
NWT05	28	0	0	0	0	0	0	0	0.167	0	8.757	0
NWT06	29	0	0	0	0	0	0	0	0	0	0	0
ALA01	30	0	0	0	0	0	0	0	0	0	0	0
ALA02	31	0	0	0	0	0	0	0	0	0	0	0
ALA03	32	0	0	0	0	0	0	0	0	0	0	0
ALA04	33	0	0	0	0	0	0	0	0	0	0	0
ALA05	34	0	0	0	0	0	0	0	0	0	0	0
ALA06	35	0	0	0.02	0	0	0	0	0	0	0	0.48
ALA07	36	0	0	0	0	0	0	0	0	0	0	0
ALA08	37	0	0	0	0	0	0	0	0	0	0	0
ALA09	38	0	0	0	0	0	0	0	0	0	0	0
ALA10	39	0	0	0	0	0	0	0	0	0	0	0
ALA11	40	0	0	0.883	0	0	0	0	0	0	0	0
ALA12	41	0	0	0	0	0	0	0	0	0	0	0.1
ALA13	42	0	0.013	0	0	0	0.573	0	0	0	0	0
ALA14	43	0	0	0.007	0	0	0.107	0	0	0	0	0
ALA15	44	0	0	0	0	0	0	0	0	0	0	0
ALA16	45	0	0.017	0	0	0	0	0	0	0	0	0
ALA17	46	0.587	0	0	0.013	0	0	0	0	0	0	0
ALA18	47	0	0	0	0	0	0	0	0	0	0	0
ALA19	48	0	0	0	0	0	0	0.503	0	0	0	0
ALA20	49	0	0	0.003	0	0	0	0.023	0	0	0	0
ALA21	50	23.633	40.657	0	0.053	0.063	0	0.72	0.603	0.503	0	3.55
ALA22	51	0	0	0	0	0	0	0	0	0	0	0
ALA23	52	0	0	0	0	0	0	0	0	0	0	0
ALA24	53	0	0	0	0	0	0	0	0	0	0	0
ALA25	54	0	0	0	0	0	0	0	0	0	0	0
ALA26	55	0	0.023	0	0	0	0	0	0	0	0	0

		SPIBET	STELON	TAROFF	TOFPUS	VACULI	VACVIT	VIOEPI
YKN01	1	0	0	0	0	0	0	0
YKN02	2	0	0.027	0	0	0	0	0
YKN03	3	0	0.117	0	0	0	0	0
YKN04	4	0	0	0	0	0.36	2.023	0
YKN05	5	0	0.024	0	0	0.533	0.177	0
YKN06	6	0	0	0	0	0	0	0
YKN07	7	0	0	0	0	0	0	0
YKN08	8	0	0	0	0	0	0	0
YKN09	9	0	0	0	0	0	0.653	0
YKN10	10	0	0	0	0.157	0	0	0
YKN11	11	0	0.033	0	0.073	0.986	0.08	0
YKN12	12	0	0	0	0	0	0	0
YKN13	13	0	0	0	0	0	0	0
YKN14	14	0	0	0	0	0	1.237	0
YKN15	15	0	0	0	0	0	0	0
YKN16	16	0	0.293	0.013	0	0	0	0
YKN17	17	0	0	0	0	0	0.7	0
YKN18	18	0	0	0	0	0	0	0
YKN19	19	0	0	0.013	0	0	0.377	0
YKN20	20	0	0	0	0	0	0	0
YKN21	21	0	0	0	0	0	0	0
YKN22	22	0.161	0	0	0	0	0.117	0
YKN23	23	0	0	0	0	0	0	0
NWT01	24	0	0	0	0	0.64	0	0
NWT02	25	0	0	0	0	0	2.12	0
NWT03	26	0.013	0	0	0	0	0	0
MWT04	27	0	0	0.027	0	0	0	0.037
NWT05	28	0	0	0	0	0	0	0
NWT06	29	0	0	0	0	0	0	0
ALA01	30	0	0	0	0	0	0	0
ALA02	31	0	0	0	0	0	2.14	0
ALA03	32	0	0	0	0	0.133	0.163	0
ALA04	33	0	0	0	0	0	0	0
ALA05	34	0	0	0	0	0	0.5	0
ALA06	35	0	0	0	0	0.007	0.553	0
ALA07	36	0	0	0	0	1.623	1.283	0
ALA08	37	0	0	0	0	0.61	3.513	0
ALA09	38	0	0	0	0	0	0	0
ALA10	39	0	0	0	0	0	0.003	0
ALA11	40	0	0	0	0	0	0	0
ALA12	41	0	0	0	0	0	0	0
ALA13	42	0	0	0	0	8.927	0.277	0
ALA14	43	0	0	0	0	0	0	0
ALA15	44	0	0	0	0	0	4.11	0
ALA16	45	0	0.553	0	0	0	0	0
ALA17	46	0	0.113	0.797	0	0	0	0.3
ALA18	47	0	0	0	0	0.743	0.166	0
ALA19	48	0	0	0	0	1.993	0	0
ALA20	49	0	0	0	0	2.927	0.603	0
ALA21	50	0	0.013	0	0.027	1.473	1.02	0.037
ALA22	51	0	0	0	0	0	1.423	0
ALA23	52	0	0	0	0	0	1.063	0
ALA24	53	0	0	0	0	0.52	0.293	0
ALA25	54	0	0	0	0	0	0.477	0
ALA26	55	0	0.017	0	0	0	0	0

APPENDIX D. Raw data representing the relative abundance of all individual species at each collection site. Names of species have been abbreviated to the first three letters of the genus and specific epithet. Grouped taxa are included as single species and include the following: Salix (SALSPP), Carex (CARSPP), Grasses (GRASPP), Cryptogams (CRYPTS). Bare ground is abbreviated as BARGRO. The three transects at each site are labeled A, B, and C respectively, and the quadrats are numerical. Site names are abbreviated as follows: Yukon (YKN), Northwest Territories (NWT), and Alaska (ALA).

D-1. Relative abundance of species present at YKN01 - Site 1

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTMON	0	0	15	0	0	0	10	0	0.5	10	0	0.5	20	5	0	2	0.5	1	10	3	0	6	15	10	1
SALSPP	2	0	0	0	0	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	35	35	95	100	85	50	80	60	25	0	25	65	50	15	35	65	95	65	0	25	75	10	15	75
PETFRI	0	0	0	0	0	6	0	0	40	0	10	1	5	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	95	90	25	0	25	25	20	35	80	100	90	10	75	95	95	65	25	15	95	95	30	90	95	55
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
GENAMA	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENATR	0	1	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
PEDVER	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	0	0	0.5	0.5	0.5	0	0.5	5	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.5	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTMON	2	5	0	0	0	0	0.5	1	0.5	0	0	5	20	25	5	5	15	25	25	5	2	0	0	0	3
SALSPP	10	10	15	2	20	2	25	0	0	15	25	20	0	0	25	10	25	10	5	5	25	65	85	35	25
GRASPP	75	35	15	35	25	45	35	25	30	20	5	10	15	25	0	10	15	15	5	5	5	0	1	1	1
PETFRI	0	0	0	0	3	0	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	65	98	80	90	45	60	45	45	60	60	85	20	90	80	25	25	25	2	80	95	90	55	25	25	35
POLACU	5	0.5	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	2
GENAMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	3	0	0	0	3	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	35	20	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	65	30
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0.5	0	0	0	0
SALSPP	0	4	10	0	5	10	2	3	0	25	0	0	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0
GRASPP	0	0	0	5	0	0	0	0	0	0	5	0	0	10	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	3	5	5	25	95	100	100	95	95	45	85	100	90	30	10	30	45	35	15	10	25	2	20	30	30
POLACU	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	1	0.5	0	0	0	0	0	0	0	0
GENAMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDVER	0	0	0	0	0	0	0	0	0	5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	95	90	87	0.5	0	0	5	0.5	45	15	0	0	35	85	70	40	25	85	90	80	80	35	70	70
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	2	0	0	3	0	0	1	15	25	10	3	8	25	45	5	0	0	20	25	0	0
PYRASA	0	0	0	0	0	0	0	0	5	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-1. Continued...

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTMON	0	8	10	0	0	0	10	35	0	0	0	5	0	0	0	0	0	0	20	30	15	8	0	0	0
SALSPP	0	10	25	10	0	0	0	0.5	5	1	0.5	0	0	0	1	0	0	0	0	10	25	5	10	3	0
GRASPP	0	0	0	25	10	5	5	5	25	10	10	10	45	35	45	45	25	25	25	25	25	35	10	20	25
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	15	2	2	5	2	20
CRYPTS	65	65	45	30	35	75	75	25	75	25	25	75	65	25	25	25	25	10	15	1	10	15	65	40	85
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENAMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	35	35	45	5	55	25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	10	0	0	15	20	0	0.5	1	5	0	0	0	7	0	25	15	25	3
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTMON	5	3	6	10	0	2	2	8	3	0	8	25	6	0	0	0	0	0	0	0	40	5	0	0	2
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	10	0	5	15	35	0	0	0	0	0	0	0	0
GRASPP	0	0	0	15	10	2	10	5	2	2	10	10	7	4	3	15	5	15	20	20	10	0	5	2	1
PETFRI	0	0	0	0	0	0	0	0	5	2	3	30	0	0	2	20	0	0	3	2	2	25	5	0.5	5
CRYPTS	10	40	60	70	75	75	75	80	80	90	80	70	90	80	90	85	75	80	20	60	40	75	95	95	95
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENAMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	1	1	0	0	0	0	0	0	0	0	0	0	3	0	4	0	0.5	0	1	0.5	0.5	2	2	0.5
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	80	40	30	5	10	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	2	9	0.5	2	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	4	5	6	0	3	2	15	0	0	0	0	0	0	0	3	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTMON	1	4	30	4	0	25	5	30	50	15	5	5	4	0	0	2	0	0	0	2	1	0	0	0	0
SALSPP	25	0	0	0	0	0	0	0	0	10	20	5	10	15	15	5	10	1	1	0	10	5	4	5	5
GRASPP	7	2	0.5	2	5	5	0.5	5	10	5	0.5	2	1	0	0	1	0	0	0.5	2	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	6	0	0	0	0	0	0	0	0
CRYPTS	65	80	60	75	85	45	80	60	25	30	70	90	95	90	90	80	10	20	40	20	20	0	10	30	70
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENAMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	5	5
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	60	30	30	70	75	90	35	15
POLBIS	5	8	2	0	0	0	7	5	0	4	0	0	0	5	0	2	0	0	3	1	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-2. Relative abundance of species present at YKN02 - Site 2

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTMON	1	1	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	1	2	2	5	15	0.5	3	4	35	3	0.5	2	0	0	0	25	10	1	0	0	0	1	15	5	25
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	15	5	35	25	15	30	85	100	80	85	50	85	5	75	75	65	90	55	75	100	80	80	100	85	90
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	20	2	20	0	0	0	0	0	0	0	1	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	85	90	55	20	85	65	15	0	10	10	0	15	0	0	0	10	0	0	0	0	0	0	0	0	0
GRASPP	0	1	10	15	2	1	2	1	2	2	35	5	10	25	10	2	0.5	1	10	0.5	2	1	0.5	0.5	0.5
PEDVER	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	2	0	2	0.5	0	1	15	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	10	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	25	25	10	65	0.5	0	2	0	0	0
ANEPAR	0	0.5	1	0	0	0	20	0	0	10	25	0	0	8	3	0	3	0	0	0	25	3	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	2	2	10	2	3	0	0	10	30	0	0	10	0	0	0	0
CRYPTS	100	90	75	85	95	100	55	30	35	90	95	100	100	100	95	100	85	95	35	95	100	100	95	95	75
CARSPP	0	0	0.5	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	2	8	0	0	0
BARGRO	0	10	25	15	5	0	45	70	65	10	5	0	0	0	5	0	0	0	0	0	0	0	5	5	10
GRASPP	0.5	0	0	0	0.5	0.5	0	0	0.5	0.5	0.5	1	0	0	0	0.5	2	0	10	5	0	0.5	1	0	20
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0
ANEPAR	4	4	0	0	0	0	5	0	0	5	3	3	10	0	0	2	0	7	0	0	5	10	0	0	5
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	5	2	5	4	5	3	5	3	0	0	0	3	0	1	25	2	0	5	2	0	0
CRYPTS	60	30	60	80	90	100	80	80	100	75	70	75	95	98	100	75	25	70	95	100	95	95	95	100	98
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0.5	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	35	5	10	3	0	0	7	0	10	25	15	0	2	0	4	75	5	0	0	0	0	0	0	0
GRASPP	4	5	5	2	2	0.5	5	2	2	0	0	3	1	0.5	0.5	0	0.5	0	0	0.5	0.5	0.5	2	2	1
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	5	0	0	2	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTMON	0	0	0	20	15	15	15	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	2	0	2	2	0	0	0	0	5	2	2	0	0	0	0	0	10	30	15	0	0	0	2	0.5	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	10	10	0.5	15	10	5	3	0	0	5	5	8	2	0	0	0	0	2	4	0	0	0	0
CRYPTS	100	100	95	65	80	80	80	70	45	70	90	100	100	90	95	98	75	80	50	25	90	100	98	95	95
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	1	1	0.5	0	0	0	2	0	0	1	4	0	0	5	0	4	3	3	0	2	0.5	15
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	2	0.5	0.5	0.5	1	0	1	0.5	0	0	0.5	0.5	0	0.5	0.5	0.5	0	0.5	0.5	0	0.5	0.5	0	0.5	0.5
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEUMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-2. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTMON	0	25	65	75	0	0	0	0	0	0	0	0	0	0	0	0	0	25	45	25	0	0	0	0	0
ANEPAR	2	0	2	0	0	0	10	0	0	0	10	2	0	0	0	0	1	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	75	35	30	100	100	100	95	100	100	100	95	95	100	65	90	85	95	90	80	100	95	75	25	5
CARSPP	0	0	0	0	0	0	0	0	0	0	3	0.5	5	2	25	8	0	0	1	1	0	0.5	7	5	15
POLBIS	0	0	0	0	0	0	0	5	20	2	8	2	0	0	3	0	0	0	5	0	0	2	5	3	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	1	2	0	0	3	8	5	2	0	0	0	0	0.5	0	2	2	1	5	0.5	5	0.5	0	0	5	10
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEUMAC	0	0	25	20	0	3	8	0	0	3	4	0	0	0.5	15	15	10	2	0	0	0	4	5	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTMON	0	0	0	0	0	0.5	10	0	0	0	25	35	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	2	3
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	80	75	75	85	35	0	80	85	60	75	60	35	80	80	3	4	15	0	8	15	4	10	35	55	75
CARSPP	10	20	7	0.5	0.5	0	0	0	10	5	0	8	4	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	10	55	98	10	5	25	0	10	5	0	10	80	96	75	75	70	70	96	65	5	10	3
GRASPP	2	5	0.5	0	0	0.5	3	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0.5	2	2	1
PEDVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEUMAC	0.5	20	2	4	2	1	7	0	0	5	4	5	2	2	0	0	2	25	5	6	2	10	0	0.5	3
SENLUG	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-3. Relative abundance of species present at YKN03 - Site 3

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTMON	0	0	0	0.5	0	2	1	0	0	0	0	0	45	20	0	0	0	65	35	75	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	10	0	20	10	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	25	10	25	40	25	35	45	35	5	10	8	10	30	35	55	55	25	0	50	20	65	55	30	50	70
GRASPP	0	2	0	0	0.5	0.5	0	0	1	0	1	0	0	0.5	0	1	0.5	0	2	0	0	0	2	3	1
BARGRO	70	90	80	50	75	70	50	65	95	90	85	100	35	60	45	45	25	0	25	5	40	25	65	35	25
SENATR	0	0	4	0	0	0	4	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	10	2	0	0.5	2	2	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	10	0	0.5	0	0	0	0	0	1	0	0	2	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTMON	98	60	55	5	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	15	50	40	30	10	0
PETFRI	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	2	0	0	0.5	20	1	3	0
SALSPP	2	10	1	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	3	10	5	10	0	0	0
CRYPTS	25	8	6	5	10	35	15	30	80	65	70	40	30	15	30	35	15	30	80	65	20	30	55	80	95
GRASPP	2	0	0	0.5	0.5	0	0.5	2	2	0.5	1	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	2	0.5	0.5	1	3
BARGRO	5	10	8	75	85	65	65	65	20	4	0	5	0	3	20	30	3	50	10	3	5	0	7	0	0
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	2	0	0	0	0	0	1	1	1	0.5	1	1	0	1	2	0.5	0	0	0
ANENAR	0	0	0	1	0.5	4	0.5	2	0	15	0	15	1	1	10	1	3	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTMON	0	0	0	0	0	10	25	30	0	0	0	0	0	0	65	85	25	0	0	1	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	8	2	0.5	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0
CRYPTS	0	0	0	4	25	25	35	65	100	98	100	50	0	70	35	8	20	60	15	65	35	95	80	20	20
GRASPP	0	0	0	20	2	1	1	0	0.5	0.5	1	0.5	10	1	0.5	0.5	0.5	0.5	1	0.5	0.5	2	1	2	1
BARGRO	100	100	100	25	65	60	15	0	0	0	0	0	0	0	0	2	35	3	2	20	20	5	20	75	45
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	5	2	20	0.5	8	0	0	0	0
ANENAR	0	0	0	10	0	0	0	0	0.5	20	0.5	0	0	0	0	1	0	0	0.5	2	2	0	0	0	3
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTMON	0	0	0	0	0	0	0	26	10	2	0	2	5	30	0	15	15	18	20	0	0	0	0	0	0
PETFRI	1	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	5	0	0	7	2	0	0	0	0	1
CRYPTS	60	35	40	50	15	30	15	35	25	40	25	20	70	30	60	70	30	30	35	0	0	0	0	0	35
GRASPP	0	0.5	0.5	1	0	0.5	0.5	0.5	1	0.5	1	1	0.5	0.5	0	0.5	0.5	1	1	1	3	0	0.5	1	1
BARGRO	20	35	30	30	80	30	35	20	0	5	15	1	5	3	20	5	50	30	10	75	80	100	100	100	65
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	1	1	2	0.5	0	0	0.5	1	0.5	0.5	0	5	15	0	0	0	0	0	0	0	0	0	0	0
ANENAR	10	5	0.5	2	5	10	0.5	20	20	10	0	10	30	0	0	2	0	10	6	0	0	0	0	0	1
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTMON	2	0	15	0	20	0	0	25	30	0	0	0	0	0	0	10	10	0	0	0	0	0.5	5	0	0
PETFRI	0	0	0	0	10	2	0	0	0	0	0	0	0	0	0	0	55	30	25	0	0	0	0	1	25
SALSPP	0	0	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	65	60	25	45	35	45	70	75	20	20	1	5	75	90	30	65	10	5	5	35	5	10	75	20	0.5
GRASPP	2	0	1	2	3	0.5	0.5	2	1	0.5	2	3	10	5	20	1	5	10	8	15	8	15	1	20	15
BARGRO	30	55	30	55	25	50	25	20	25	25	85	80	10	5	5	20	0	5	0.5	10	40	20	20	0.5	0
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	8	5	0	0	0	5	0	8	0	3	1	0.5	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTMON	0	0	0	0	2	55	5	0	1	15	30	30	20	0.5	0	0	25	40	17	5	30	0.5	0	0	0.5
PETFRI	20	5	7	15	15	0	0	0	0	0	15	0.5	10	30	20	10	40	0	0	0	0	0	0	0	0
SALSPP	2	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	30	2	0
CRYPTS	80	80	80	25	20	30	0	50	60	40	25	40	30	30	60	10	5	70	80	70	30	40	65	60	70
GRASPP	1	0.5	3	3	1	3	1	3	2	1	0.5	0.5	0	2	2	15	2	2	1	1	2	1	0.5	0	0.5

D-3. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	20	7	0	0	0	0	80	10	35	0	5	20	15	0	0	0	0	0	0	30	30	25	10	20	10
SENATR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0.5	0	0	1	0	2	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0
ANENAR	1	10	5	10	0.5	5	5	10	0	20	15	0	0	10	25	0	0	0	0	0	0	0	0	5	3
STELON	2	0	0	0	0	0	1	0	1	0	0	0	1	1	1	2	5	1	0	0	0.5	1	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-4. Relative abundance of species present at YKN04 - Site 4

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTFRI	0	0	5	10	0	0	15	30	5	4	0	10	15	30	4	8	5	10	2	0	0	0	0	0	0
SALSPP	45	15	55	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	10	35	20	3	10	0	0	0	0	0	0	0	0	3	0	0	0	0	5
BARGRO	35	55	35	55	80	0	30	0	8	4	10	35	50	30	70	20	80	5	10	4	75	92	95	100	95
GRASSP	0.5	0	0	0	0.5	0	2	2	0.5	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0
VACVIT	0	10	0	4	0	0.5	0	8	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	1
CRYPTS	5	8	15	20	35	100	25	50	90	95	85	45	45	60	25	85	10	90	90	95	25	8	5	0.5	10
EMPNIG	0	0	0	0	0	0	0	5	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTFRI	0	0	0	10	2	8	10	20	2	3	0	12	12	0	8	2	3	9	5	0	0	0	10	0	7
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	20	15	15	30	55	25	15	0	0	5	20	9	0	0	0	2	10	2	20	5	15	20	20	5	30
BARGRO	0	0	0	10	0	20	10	1	0	0	5	10	7	0	0	4	0	0	3	0	4	0	0	5	5
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
CRYPTS	65	70	80	30	15	35	50	45	80	80	60	75	60	60	80	95	95	85	80	40	60	90	80	80	80
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	2	10	20	1	15	2	1	1	10	2	0	0	15	4	5	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	30	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	3	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTFRI	0	0	0	0	0	0	0	0	0	2	2	2	8	8	8	0	1	20	0	1	5	25	5	0	0
SALSPP	0	0	0	20	85	25	15	75	35	25	20	5	25	5	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	4	0.5	0	0	0	0	0	0	10	0	0	0	0	10	55	60	25
BARGRO	100	90	65	55	10	80	80	25	0	45	45	45	25	35	10	4	5	4	2	10	20	25	2	0	5
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0
VACVIT	0	2	0	4	0	0	0	0	0	0	25	10	20	1	1	0	0	2	30	1	3	0	2	0	0
CRYPTS	0	10	35	45	0	8	10	10	45	5	10	15	20	60	85	95	90	80	80	85	75	65	75	35	35
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	2	8	2	2	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTFRI	10	1	0	2	4	0	2	5	1	10	5	0	0	0	0	0.5	7	7	0.5	0	0	0	0	2	10
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	20	25	20	0	5	0	0	0	0	20	30	20	20	20	35	7	0	0	0	0	5	35	30	20	5
BARGRO	30	60	30	15	15	50	70	2	30	15	30	7	5	10	15	80	70	20	25	40	5	0	0	0	5
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	3	0	15	2	4	12	1	0	3	0.5	0	20	30	10	0.5	15	10	15
CRYPTS	30	20	35	85	65	40	40	30	45	15	20	35	30	0	10	0	5	60	30	30	85	30	20	65	60
EMPNIG	0	1	0	0	2	0	0	40	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	1	0	0.5	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTFRI	0	0	0	0	2	0	8	30	8	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	20	10	30	15	20	30	25	0	2	65	4	25	10	25	10	20	30	15	20	30	10	5	5	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	5	0	0	8	0	0	0	0	0	10	25	75	75	70
GRASSP	2	0.5	4	1	0	1	0	0.5	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0.5	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	0	2	1	3	0	0
CRYPTS	75	90	35	25	10	25	15	20	85	15	90	45	45	60	55	35	60	75	75	30	55	30	15	25	30
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0.5	0.5	5	2	0	3	0	10	0	0	2	0	0	0.5	3	0.5	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-4. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTFRI	0	0	0	0	0	0	0	0	1	0.5	0	0	0	0	10	2	0	7	0	5	0	5	3	10	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	5	0	30	35	40	15	0	0	0	20	15	0	0	0	0	1	0	0	0	0
BARGRO	90	90	90	98	95	8	25	30	30	25	85	95	90	50	25	0	0	15	55	20	15	10	50	50	40
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.5	0	0	0	3	0	0	0
VACVIT	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	3	1
CRYPTS	8	10	10	2	4	80	75	20	20	0.5	4	5	15	40	10	30	95	80	45	75	85	75	35	45	60
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-5. Relative abundance of species present at YKN05 - Site 5

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTMON	1	10	30	1	30	25	0	0	0.5	20	10	0	0	0	0	0	0	0	0	0	0	0	0	0	15
BETNAN	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	35	45	15	4	2	0	0	0
EPILAT	4	5	15	0	0	15	2	3	0.5	0	0	0	20	0	20	40	35	0	0	8	0	0	0	25	0.5
SENLUG	0	0	0	0	0	0	0	1	0	0	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0	5	0
CRYPTS	12	8	0.5	12	10	5	15	5	15	0.5	0	0	0	0	0	0	0	0	0	0	0.5	10	10	10	2
BARGRO	10	90	55	85	50	65	50	90	65	30	30	100	95	10	85	25	2	0	25	75	80	75	0	80	75
GRASSP	0	0	0	0.5	0.5	0	0	0	5	25	3	0.5	3	25	5	6	1	0.5	25	2	1	2	0	0	2
POTFRU	0	0	0	0	2	8	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	12	0.5	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	4	10	2	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	0	0	0	0
MERPAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHYEMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	0	0	0	0	10	20	0.5	4	0	0	0	0	0	0	0	0	0	0	5	0	5	3	7	0
SENLUG	0	0	0	0.5	8	2	0	0	0	0	5	5	1	0	0	1	1	3	0	0	4	2	0	0	0
CRYPTS	0.5	5	55	65	90	20	5	0.5	4	5	0	10	20	20	5	0	0	0	20	5	30	5	5	12	5
BARGRO	100	95	35	30	0	15	25	85	90	95	100	85	80	80	95	100	100	100	100	95	75	0	95	85	95
GRASSP	0	0.5	0.5	2	6	3	2	0	1	0	0	0.5	0.5	0.5	0.5	0.5	0	1	0	0	0	0	3	2	0
POTFRU	0	0	0.5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	3	1	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	0	0	1	0	30	10	5	2	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHYEMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTMON	0	0	0	0	0	20	15	10	0	1	0	0	0	5	0	0	45	20	2	0	5	8	0	0	0
BETNAN	0	0	0	2	0	0.5	25	75	45	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	12	0	0	0	0	0	0	0	5	20	0	0	0	0	5	15	12	15	0	12	0	5	10	2
SENLUG	0	0	0	0	0	0	0	0	0	0	10	0	2	0	0	0	0	0	0	0	0	0	0	2	0
CRYPTS	0	0	0.5	4	0	0	0	0.5	2	5	0	0	0	10	5	15	0	20	20	10	5	10	25	15	35
BARGRO	0	0	0	0	0	0	0	0	80	55	5	5	0	0	0	0	0	20	80	90	75	65	0	0	0
GRASSP	35	5	0	0	0.5	0	0	3	0.5	0	0	0	3	12	5	1	0.5	0	0	0.5	0	0	0	0	1
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	15	6	0	0	0	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	20	25	100	100	100	100	100	30	20	0	0	0	3	3	0	0	0	0	0	0	0.5	2	0.5	5	20
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0
MERPAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	20	25
PHYEMP	25	20	3	1	25	10	5	2	8	45	75	95	35	25	8	10	35	6	0	0.5	10	5	10	5	5
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	15	30	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-5. Continued...

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTMON	0	0	0	0	2	4	35	55	30	0	0	0	0	5	25	20	0	0	0	0	0	0	0	0	1
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	0	4	4	5	7	0	0	7	0	3	0	0	0	0	0	0.5	10	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	80	45	80	80	80	40	30	25	30	5	20	40	15	20	30	25	30	10	15	15	5	2	5	10	10
BARGRO	0	0	4	2	10	20	5	3	20	95	80	60	25	60	30	30	100	75	85	75	90	87	95	90	95
GRASSP	0	0	1	0	1	0	0.5	0	0	0	0.5	0	3	1	0.5	0.5	0.5	1	3	5	5	0.5	0	0	0.5
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	15	10	0	10	2	4	17	2	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0
PHYEMP	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	0	0	15	20	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTMON	0	45	80	85	55	0	75	75	4	0	1	0.5	3	5	0	0	3	0	0	1	0	0	0	1	4
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	0	5	8	20	25	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	0	0	0	10	10	5	25	0.5	15	20	10	20	30	20	30	50	10	20	10	20	25	0	0	15
BARGRO	5	0	0	0	0.5	90	10	15	35	85	95	15	30	20	50	60	50	90	80	90	80	75	100	100	60
GRASSP	0	3	2	5	0	0.5	0	0	0	0	0.5	30	40	5	0.5	0	1	0	0.5	1	0.5	0	0	0	0.5
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	95	35	15	5	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	25	45	2	0.5	3	2	4	0	0	0	0	6	0	20	10	0	0	0	0	0	0	0	0	0	0
PHYEMP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0	0	0	0	0	2	0	2
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	5
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTMON	1	65	66	10	12	30	4	0	0	0	0	0	0	5	25	20	8	0	0	0	0	0	0	0	0
BETNAN	0	0	0	2	20	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
EPILAT	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5	25	0.5	0	0	0	0	0	0.5
SENLUG	4	2	5	2	0	0	0.5	0	0	0	0	0	0	0.5	1	0	4	0	0	0	0	0	0	0	0
CRYPTS	5	15	25	25	4	0.5	45	15	5	10	10	5	5	5	10	55	90	50	25	30	80	100	85	95	0
BARGRO	75	10	0.5	0	0	0	0	75	25	30	0	10	85	90	12	0	0	0	0	0	0	0	10	0	0
GRASSP	0.5	0.5	0	5	2	10	0.5	1	0	0	0.5	0	0	0.5	0.5	1	1	30	65	15	5	0.5	1	2	2
POTFRU	0	0	0	0.5	0.5	8	3	0	0	0	0	0	20	20	0.5	0.5	0	0	0.5	2	20	1	0.5	0	3
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	45
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	2	2	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHYEMP	0	0	0	0	0	0	0	5	50	20	60	75	4	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	5	0	0	0	12	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	2	0	0	0	0	3	0	0	0.5	0	0	0	0	3	0	0	0.5	0	5	6	1	0	0	0
ARECAP	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-6. Relative abundane of species present at YKN06 - Site 6

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTNEO	5	4	28	8	30	45	25	5	1	3	0	1	0	0	1	0	0.5	0	0	0	12	0.5	1	0.5	0
EQUARV	10	10	8	0	3	2	2	2	6	4	10	3	0.5	5	10	5	5	1	0	2	0	0	0	0	0
GRASSP	8	1	1	2	0.5	0.5	0.5	0	1	5	2	0.5	0.5	5	8	0.5	3	2	3	0	5	1	0.5	5	0.5
CRYPTS	10	5	8	5	4	5	30	65	15	10	8	20	8	6	15	55	8	15	25	10	10	5	20	8	1
BARGRO	5	10	15	65	15	5	2	20	30	5	30	30	45	35	30	20	65	55	30	85	60	70	65	60	100
EPIANG	0.5	15	0	5	45	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.5
SALSPP	0	8	5	0	0	1	0	1	8	15	2	2	25	0	5	0.5	0	0	1	2	8	1	0	15	0
BETNAN	0	2	0	0	0	0	0	1	1	6	5	10	4	2	3	4	3	15	6	4	2	3	4	3	0
CARSPP	0	2	1	1	1	0	0	0	2	0.5	0	0	1	1	1	0	0	5	5	0	0.5	0.5	3	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTNEO	0	0	0.5	0.5	0	0	0	0	0	0	0	0.5	0.5	0	0.5	0.5	0	0	0	0	1	15	0	0	2
EQUARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0.5	0.5	1	5	0	0	0	0	0	0.5	0.5	0.5	0	0.5	10	3	0	0	0	0	0.5	0	0	0	0
CRYPTS	1	0	0.5	0	0	0	0	0	0	0	0	0.5	2	5	0	2	0.5	10	4	1	25	20	25	45	8
BARGRO	99	99	100	100	100	100	100	100	100	100	100	100	98	95	90	96	100	90	96	99	75	75	75	55	90
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	15	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0.5	0.5	0	0	1	0	0	0
CARSPP	0	0	0	0	0.5	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTNEO	0	30	12	0	0.5	0.5	0	1	8	3	2	45	40	0.5	20	35	3	0.5	0.5	0	0	0	0	0	0
EQUARV	0	0	2	2	0	0	0	0	0.5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0.5	0.5	8	0	55	65	15	65	10	12	1	3	3	8	1	5	0.5	2	12	5	3	15	8
CRYPTS	1	5	5	10	15	15	0	2	0.5	0.5	5	4	5	10	20	10	25	5	25	6	5	4	20	20	5
BARGRO	99	35	35	90	100	35	12	0	0	0	0	5	8	15	5	15	35	45	40	90	65	30	10	25	60
EPIANG	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0.5	35	0	0	30	10	0	0.5	25	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTNEO	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	5	0	0	0	0	0	0	0	0
EQUARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	2	2	4	4	1	1	0.5	0.5	1	3	0.5	0.5	5	8	0.5	0.5	2	1	0.5	1	0.5	0.5	0.5	0.5	0.5
CRYPTS	40	30	65	75	70	70	75	85	75	50	3	3	20	25	25	30	7	10	0	3	15	0.5	0.5	5	15
BARGRO	40	30	20	20	30	20	25	15	25	50	98	95	75	70	75	70	90	87	100	95	85	100	100	95	85
EPIANG	0.5	0	0	0	0	0	0	0.5	0	2	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0
SALSPP	0	0.5	0	0.5	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIPAL	0	0.5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTNEO	3	35	45	5	20	25	0	0	6	25	0	0	0	0	0	0	0	0	0	25	25	0.5	0	0	0
EQUARV	1	0	0	0	0	4	0	0	10	10	5	0	5	0.5	0.5	2	0.5	0	0	0	0	0	0	0	0
GRASSP	8	0	8	3	1	0.5	1	0.5	2	3	5	2	0.5	0.5	0	0.5	0	0.5	0.5	0.5	0	0	0.5	0.5	0.5
CRYPTS	12	0.5	25	35	4	2	90	0	0.5	0	0.5	0	0	0.5	0.5	0	2	0.5	0.5	0	0	0	0	0	0
BARGRO	30	55	15	25	55	75	95	100	95	45	95	100	100	100	100	100	98	100	100	75	75	85	98	100	100
EPIANG	0	0	0	6	0.5	0	0	0	0	0	0	20	0	0	0	0	5	0	0	0	0	0	0	0	0
SALSPP	25	2	0	0	0	0	2	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
EPIPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-6. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTNEO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUARV	0	0	0	0.5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0.5	0.5	0.5	1	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	98	80	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0.5	5	40	40	45	25	25	20	15	30	25	50	35	45
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-7. Relative abundance of species present at YKN07 - Site 7

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
DRYINT	45	5	6	0	0	0	10	12	35	0	0	0	0	35	6	0	0	0	0	0	0	0	0	0	0
GRASSP	0.5	0.5	2	0.5	2	3	1	1	3	0	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	5	35	15	0.5	0.5	0.5	5	2	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0
BARGRO	10	35	65	95	90	95	25	35	25	100	100	100	100	25	5	80	0	0	0	0	0	0	10	20	30
ANTDEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0
PICGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	95	100	100	100	100	100	100	95	95	100
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.5	25
GRASSP	0.5	6	0.5	0	0.5	0	0	0	0	0	0.5	0	0	0	0.5	0.5	0	0	0	0	0	0	0	2	2
CRYPTS	0	0	0	0	0	0	0.5	0	0.5	0	0	0	0	0	5	0	0	10	0	0	0	0	0	90	100
BARGRO	55	10	50	65	100	90	95	95	90	80	95	95	100	100	100	100	100	70	95	85	70	90	80	10	0
ANTDEN	0	30	35	20	0	0	0	0	15	20	5	5	0.5	0	0	0	0.5	25	5	15	35	10	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
PICGLA	55	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0.5	0	0.5	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0.5
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	5	10	0.5	0	0	0.5	3	2	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	0	0	0	0	2	4	0	0	0	6	0	0	0	2	0	0	0	0	0	0	0	0	0	0
BARGRO	30	85	100	100	100	100	90	100	40	35	95	100	85	98	95	80	60	10	10	25	0.5	3	30	5	65
ANTDEN	0	0	0	0	0	0	0	0	35	40	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PICGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	4	0	3	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
DRYINT	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0.5	0	1	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0.5	2	0	0	0	0	0.5	0.5	0	0
CRYPTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	80	80	100	100	100	100	100	100	100	100	100	100	100	100	100	100	98	98	100	100	100	100	100	100	100
ANTDEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PICGLA	85	95	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0.5	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0.5	0	0	0	0	0	0.5	0.5
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
DRYINT	25	80	85	75	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	3	0	0	0	0.5	0	0	0.5	5	8	0.5	0.5	2	0	0	0	0	0	0	0.5	10	25	6
CRYPTS	0.5	0.5	0	2	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	75	0	0	0	0	25	15	55	98	70	80	90	100	100	100	100	100	100	100	100	100	100	90	80	95
ANTDEN	0	0	0	0	0	65	65	36	2	30	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PICGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-7. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	3
GRASSP	0.5	0.5	1	0	0	0	0	0	0.5	0.5	2	3	4	0.5	0	0	0	0	0	0	0	0	0	0.5	1
CRYPTS	0	0.5	0	0	0	0.5	0	0	0.5	0	0.5	0.5	0.5	0	0.5	0.5	2	0	0	0.5	0.5	0	0	0	2
BARGRO	100	98	98	98	96	100	90	85	100	100	98	95	95	100	100	100	100	100	100	100	100	100	100	98	95
ANTDEN	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PICGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDSEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	10	10	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTLUN	0.5	0.5	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-8. Relative abundance of species present at YKN08 - Site 8

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTDEN	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	10	0	5	8
BARGRO	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	75	100	100	100	100	30
GRASSP	0	0.5	0	0	0	0.5	0.5	2	0	0	0	1	0	0	0	0	2	0	0	0.5	0	0.5	2	0	0.5
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	25
HEDMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTDEN	15	5	10	0.5	0	0	0	0	5	35	5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	70	95	90	100	100	100	100	55	70	95	100	100	100	100	100	100	100	98	100	100	100	100	100	100
GRASSP	1	2	0	0	0	0	2	0.5	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0
DRYINT	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTDEN	0	0	0	0	0	0	0	0	0	0	0	0	0	5	30	5	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	100	100	100	97	100	100	100	100	100	100	95	70	95	100	98	98	100	100	100	100	100	100
GRASSP	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0.5	0	0	0	0.5	0
DRYINT	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTDEN	0	0	0	3	20	15	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	99	80	85	100	100	100	100	100	100	100	100	100	90	95	100	100	100	100	100	99	85	80
GRASSP	0	0.5	0.5	0.5	0.5	0	0	1	0.5	0	2	2	0.5	0.5	0	2	1	0	2	0.5	0	0	0.5	0.5	5
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	10	15	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTDEN	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0.5	30	8	0	0	0
BARGRO	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
GRASSP	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	45	55	5	1	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	25	15	20	30	65	80	25	0.5	5	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0
ARNALP	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTDEN	0	25	25	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
GRASSP	2	2	0	0	0	0	0.5	0.5	0	0	0.5	0	0	0	0	0	0	5	0.5	0	0.5	1	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	2	3	0	5	2	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-9. Relative abundance of species present at YKN09 - Site 9

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALA	3	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	97	100	100	75	90	35	65	99	40	0	0	0	0	0	0	11	0	22	5	35	60	10	90	55	100
ARCRUB	0	0	0	25	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	0	0	2	0	50	10	0	50	98	70	96	98	60	5	8	85	46	95	65	45	90	18	40	0
VACVIT	0	0	0	0	3	0	0.5	1	0	3	15	15	2	2	4	4	2	2	2	2	0	0	0	0	0
DRYINT	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	8	18	25	20	5	30	45	25	25	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	35	30	35	12	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	2	1	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALA	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	2	0	0.5	8	10
BARGRO	100	100	98	100	100	100	100	100	100	96	93	100	10	10	200	100	97	93	75	90	93	100	25	60	80
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	0	0	0	0	0	0	0	0	0	5	0.5	90	90	0.5	3	3	4	10	3	5	0.5	55	30	12
VACVIT	0	0	2	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	20	8	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALA	0	4	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
BARGRO	88	80	95	20	40	70	70	35	30	85	30	70	10	25	60	5	50	70	25	98	85	98	100	25	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	45	50
CRYPTS	12	4	5	80	60	30	25	65	70	15	70	30	90	75	35	95	20	2	2	0.5	0.5	0.5	2	50	65
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	5	15	90	88	100	100	100	100	100	98	100	100	100	100	65	90	100	96	100	100	100	100	100	55
ARCRUB	35	25	20	10	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	70	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BARGRO	90	90	85	70	80	70	70	75	50	60	50	50	70	50	20	20	20	75	70	50	35	35	80	85	70
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	10	10	15	20	20	30	30	20	30	20	30	30	30	30	50	75	60	25	30	40	50	65	20	15	30

D-9. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.5	0	0
DRYINT	5	0	0	0	0	0	0	0	0	0	0	0	0	30	50	40	50	5	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	115	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	5	2	10	30	30	70	30	5	0	0	0	0	0	1	10	20	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALA	0	0	0	0	0	0	0	0	0	3	0.5	0	0	0	0	0	1	0	0	0	0	0	0	0	0
BARGRO	30	5	0	0	5	0	20	40	60	98	70	75	55	50	60	90	90	95	95	90	95	90	70	20	15
ARCRUB	0	0	2	25	15	5	3	5	0	0	0	0	1	5	15	5	1	0	0	0	0	0	0	20	50
CRYPTS	60	5	20	90	85	70	80	60	40	0.5	30	25	45	30	30	10	10	5	5	10	5	10	30	75	60
VACVIT	0	0	4	3	0	0.5	2	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	3
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	20	90	80	35	15	30	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-10. Relative abundance of species present at YKN10 - Site 10

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTDEN	2	0	0.5	3	2	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	8	12	4	6	3	1	6	2	2	25	0	0	0	0	3	15	30	8	4	0	0	0	0	15	20
GRASSP	4	0	2	4	2	5	0	8	0.5	2	0	0	0	0.4	12	0	0	0	0	12	0	0	0	0	0
BARGRO	5	35	80	55	60	30	15	40	35	12	98	75	85	90	85	65	30	75	70	15	95	30	10	70	25
CRYPTS	12	8	4	5	5	15	25	25	8	6	0.5	6	0.5	10	0.5	3	5	6	6	0.5	2	25	65	6	6
CARSPP	2	3	1	0.5	0	5	0	0	3	0	2	3	15	0	0	4	0	5	10	8	8	15	15	0.5	3
TOFPUL	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	2	0	0	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0	0	0	0	0.5	2	0
EPIANG	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0.5	0	2	0	0	44
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTDEN	0	0	0	0.5	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0
DRYINT	5	2	0.5	5	5	0.5	0	5	12	4	2	2	0	2	4	12	15	5	0	1	4	3	3	0.5	2
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	85	65	65	70	45	85	55	55	10	80	95	65	30	0.5	5	15	20	55	70	95	65	90	90	90	75
CRYPTS	8	15	12	4	25	2	5	15	25	12	2	20	15	30	95	25	30	12	8	2	6	4	4	0.5	3
CARSPP	0.5	6	3	8	3	3	8	0	6	3	0.5	5	12	35	3	2	5	2	6	0.5	3	5	1	2	6
TOFPUL	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	2	0.5	0	0.5	0	0	0.5	2	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
LEDPAL	0	0	0	0	0	0	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	0	0.5	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTDEN	0	0	3	3	0	0	0	1	0	0	0	0	2	0	3	0	0	0	0	1	0	0	0	0	0
DRYINT	8	6	4	0	10	0	0	10	80	96	25	10	35	12	30	6	6	2	4	2	15	4	15	30	10
GRASSP	0	0	0	20	15	10	5	15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	45	65	95	45	80	95	95	75	5	4	0	0	2	0	25	46	65	60	85	85	65	35	30	35	15
CRYPTS	20	0	0	10	0	0	0	0	0	0	20	15	12	15	10	12	25	15	8	5	30	45	55	20	12
CARSPP	15	15	0	0	0	0	0	0	0	0	0	0	4	0	5	3	3	5	2	0	8	3	2	4	6
TOFPUL	0	0	0	0	0	0	0	1	0	0	0	2	0	3	0	0	2	0	0	0	0	2	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	3	0	0	1	1	0.5
ANEPAR	2	0	0	0	0	0	0	0	0	0	0	1	0	0.5	0	0	1	1	0	2	0	1	0	1	2
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTDEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	6	2	2	12	4	0.5	4	15	4	0	0	0	12	4	0	5	4	0	4	12	0	0.5	12	12	2
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	20	40	75	15	75	85	70	65	75	95	90	45	10	85	98	90	95	100	90	30	95	90	85	35	95
CRYPTS	25	25	5	6	8	10	15	12	15	5	8	15	20	5	2	8	3	0.5	10	35	3	6	4	30	5
CARSPP	6	6	6	8	3	4	2	2	0.5	3	4	8	5	1	0.5	1	0	1	2	0.5	5	1	3	1	3
TOFPUL	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	2	0	0	0.5	1	0.5	0	0	1	0	0	0.5	0	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0.5	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0.5	0	1	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTDEN	0	0	3	0	0	0	0	0	0	0	0.5	3	0	0	0	0	0	0	0	0	3	2	2	0	0
DRYINT	4	12	4	0	0	25	10	0	1	30	6	1	0	6	45	12	10	2	0	0	0	8	0.5	0	0
GRASSP	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	65	70	80	85	98	35	85	95	30	2	75	95	95	45	0	0	15	50	35	92	55	65	95	90	85
CRYPTS	6	6	5	3	0.5	8	3	0	15	12	0.5	0.5	2	30	12	35	45	45	60	5	2	0	1	0.5	12
CARSPP	8	4	1	6	2	2	0	10	8	6	5	2	3	5	8	8	4	5	1	8	12	0	0	0.5	1
TOFPUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
SAXOPP	0	0.5	0.5	0.5	0.5	0	3	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	3	4	0.5
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-10. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANEPAR	0	0.5	0	0	0	0	1	0	3	0.5	0.5	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTDEN	1	0	0	0	6	0.5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	10	15	4	0	0	0	0	0	0	0	0	6	3	3	0	6	8	2	5	8	0	12	15	2	0
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	70	65	45	85	85	92	100	95	95	95	98	95	65	0.5	3	10	40	20	5	45	90	55	35	95	95
CRYPTS	8	12	30	8	6	5	0.5	3	4	4	0.5	2	25	65	75	35	25	55	70	30	10	15	8	8	6
CARSPP	0.5	0	4	1	0	0	2	0	0.5	3	5	1	2	8	2	2	2	4	8	3	0.5	0	2	0.5	0.5
TOFPUL	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	1	0.5	0	2	4	2	0	0	2	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	2	1	1	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5	0	0	0	0.5	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-11. Relative abundance of species present at YKN11 - Site 11

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
GRASSP	100	100	100	100	95	95	50	5	8	70	40	25	10	20	20	20	15	90	70	20	30	70	10	0	1
EPIANG	0	0	0	0	0	5	0	5	6	0	10	7	25	0	8	0	0	0	0	0	15	0	0	0	0
BARGRO	0	3	0	0	8	0	10	8	3	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
MERPAN	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	15	23	5	2	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	0	0	0	0	0	0
CRYPTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	60
MYOALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	1	0	0	0	0	0	0	0
TOFPUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
GRASSP	1	3	4	55	1	50	95	90	50	30	2	4	7	3	10	65	8	15	15	0	50	3	15	3	20
EPIANG	0	0	0	45	4	2	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
MERPAN	0	0	9	0	0	0	0	0	0	0	0	0	1	0	0	0	5	0	5	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	1	6	0	2	0	0	0	0	0	0	0	0	5	0	0	0	4	0	0	0	0	0	20	0
CRYPTS	15	5	0	0	2	5	0	0	0	0	5	1	0	25	8	0	5	8	20	10	5	30	10	45	2
MYOALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	3	0	0	0
TOFPUL	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	2	20	0	2	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.5	0.5	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	4	0	3	10	0	1	3	1	0	0	1	0	3	3	4	0
ANTMON	0	0	0	0	0	0	0	0	0	0	25	45	70	30	4	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	2	0	0	0	0	0	1
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
GRASSP	3	12	0.5	0.5	2	0	5	0.5	0.5	25	45	35	60	20	35	25	15	10	25	3	6	20	12	15	0.5
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	3	2
CARSPP	1	3	2	0	0	15	3	2	1	0	0	0.5	0	0	3	6	5	6	0	0	0	0	0	0.5	0
POLBIS	0	0	0	0	0	0	0	3	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0
CRYPTS	90	85	60	80	60	45	35	85	20	25	0.5	2	3	0.5	0.5	12	0.5	4	15	12	35	15	6	15	30
MYOALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOFPUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	8	0	0	2	5	12	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0.5	3	0	0	0	0	2	4	6	8	10	15	55	0.5	2	0	15	5	0	0	0	10	0	12	20
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0.5	15	35	8	0	0	0	0	0	0	0	0	0	0	0	0	0.5	20	35	20	0	12	25
SALSPP	0	0	12	0	0	3	4	2	75	6	3	0	0	0	4	25	35	8	0	2	0	0	0	0	0
STELON	0	0	0	0	0	2	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUARV	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.5
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

D-11. Continued...

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
GRASSP	8	0.5	0	0	5	0.5	0.5	0.5	15	12	20	35	0	0	0	3	25	35	8	5	10	8	6	5	4
EPIANG	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	5	4	0	0	4	15	0	0	0	15
CARSPP	0.5	5	12	25	30	35	25	0.5	0	0	0.5	0	2	15	0	25	35	15	15	10	0	5	2	6	0.5
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	45	65	60	10	0.5	0.5	0.5	10	0.5	3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0
MYOALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOFPUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	2	25	0	30	12	6	0	2	30	6	8	0	0	0	0	0	0.5	2	8	10	3
ANEPAR	0	6	2	0	0	5	12	10	0	30	35	6	8	0	12	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	20	12	30	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	10	20	2	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	3	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	4	12	5	3
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
GRASSP	15	20	4	0.5	0.5	0.5	0.5	2	3	35	30	15	5	2	3	12	12	2	10	35	12	5	0.5	5	0.5
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	0	8	0.5	0	0	0.5	2	0	0	3	10	12	8	0	3	3	5	3	5	2	3	0	0	3	2
CARSPP	0	2	0	12	15	20	10	15	6	20	355	12	30	30	5	8	10	10	6	15	10	15	10	2	4
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	2	0.5	0.5	0.5	2	8	0.5	2	0	0.5	5	2	5	0.5	0.5	15	65	30	8	0.5	3	0.5	12	12
MYOALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOFPUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	1	2	0	0	5	0	0	0	0.5	4	2	0	0	4	1	0	4	3	5
POTUNI	15	0	5	0.5	5	0	0	0	5	0.5	0.5	3	2	0	4	0	0	0	2	0	0	6	0	0	6
ANEPAR	0	0	0	0	10	0.5	0	0	12	0	0	0	0	15	0	0	0	0	0	0	0	0	30	6	15
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	6	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUARV	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	2	20	15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
VACULI	5	25	25	3	2	6	8	0	1	2	0	2	1	2	2	0	0	0	0	0	2	8	2	0	3
GENPRO	0.5	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0.5	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
GRASSP	15	20	20	5	2	0.5	10	20	6	2	0.5	0	0	0	2	0	0	0	0.5	0.5	1	2	3	0.5	3
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	8	0	8	0	0	0	0	5	30	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
CARSPP	15	10	20	30	30	7	5	15	4	4	12	7	7	30	17	4	0	0	25	35	15	4	2	0.5	3
POLBIS	0	0	0	0	0	0	0	0	0	2	3	0	6	0	2	2	0	0	0	0	2	0	0	8	2
CRYPTS	40	35	15	15	30	80	45	40	90	30	45	40	30	5	0	0	1	0.5	20	60	70	70	80	100	80
MYOALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOFPUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	1	0	0	0	5	3	0	2	3	0	5	0	5	8	3	0	0.5	0	0	6	10	8	8	7	8
POTUNI	15	8	0.5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	3	0	7	0	0	0	0.5	4	5	3	4	5	2	2	0	0	0	0	3	0	0	0	0	0
ANEMUL	15	30	8	9	8	8	30	6	12	7	4	2	5	3	0	0	0	0	0	0	2	0.5	0	0	2
ANTMON	5	20	10	0	15	20	20	11	4	3	10	5	3	7	2	0	0	0	0	0	0	0	0	0	0

D-11. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
SALSPP	0	0	0	0	0	0	0	0	6	5	0	8	30	20	15	0	0	0	0	5	10	1	0	6	22
STELON	0	0	0	0	1	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0	0	0
EQUARV	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	20	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-12. Relative abundance of species present at YKN12 - Site 12

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ARCRUB	25	90	55	50	75	35	35	20	40	30	50	80	30	23	18	0	1	0	4	36	35	12	18	4	8
CARSPP	0.5	0	0	0.5	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0.5	3	0	0	0	0.5
CRYPTS	2	0	0	1	10	35	8	15	5	8	30	0	0.5	9	35	85	45	10	30	18	0.5	0.5	1	8	70
GENPRO	0	0	2	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0.5	0	2	3	1	1
BARGRO	0	0	0	0	0	6	20	5	2	12	15	0	0	0	0	9	50	40	55	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOELAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ARCRUB	25	15	0	0	0	0	0	0	0	0	0	5	50	35	30	15	0	0	2	1	3	0	0	0	0
CARSPP	0	0	0.5	0	0.5	4	12	0	0	10	0.5	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0
CRYPTS	75	15	30	40	30	30	50	35	20	35	25	50	0	0	0	0	30	10	20	15	10	40	30	10	5
GENPRO	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5
BARGRO	5	0	0	50	65	55	45	65	80	60	60	30	0	5	5	0	50	90	70	80	90	60	60	70	70
GRASSP	1	0.5	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	5	4	0	0	5	2	0	0	0	0	5	7	1	12	1	2	0	5	4	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	55	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	80
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOELAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ARCRUB	0	0	0	0	0	0	0	15	12	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	0	0.5
CRYPTS	15	12	75	15	8	4	6	0.5	0	0	12	20	15	2	10	0.5	2	0.5	8	6	5	8	10	5	20
GENPRO	0	0	0	0	0	0	0	0	0	1	0.5	3	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	8	0.5	25	80	92	93	87	85	0	0	75	75	85	95	95	90	90	100	98	100	92	80	65	85	95
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	3	5	0	4	0	3	7	0	0	0	0	0	0	8	0	0	0	0	0	0	15	20	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
BETNAN	12	35	40	10	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
DRYINT	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOELAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	4	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0
CRYPTS	15	35	5	55	15	12	10	3	12	15	6	8	3	12	30	10	12	25	20	5	8	5	18	15	12
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
BARGRO	80	65	20	35	10	80	85	35	8	88	85	95	92	15	85	65	85	60	30	3	0	6	85	12	85
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	2	2	0.5	0.5	0	0	5
ANTFRI	0	0	0	0	2	0	10	70	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	3	0	1	0	0	0	0	0.5	0	4	0	0	0	12	3	4	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	8	45	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOELAT	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0.5	0.5	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ARCRUB	45	25	65	80	6	55	65	60	75	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	10	0.5	4	2	0.5	0	0	0.5	0.5	6	0.5	12	6	3	2	3	0.5	0.5	2	8	10	5	0.5	2
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-12. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	65	0	8	0	0	0	0	0	0	20	94	100	85	90	97	98	97	100	100	98	92	90	95	100	98
GRASSP	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	3	25	3	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOELAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0.5	30	1	0	0	2	5	0	1	0	3	0.5	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0
CRYPTS	80	65	85	75	90	75	65	35	20	30	75	90	65	70	70	80	70	60	40	3	5	25	12	35	60
GENPRO	0	0	0	2	0	0	0	1	0	0.5	0	0	0	0	0	0	0	0.5	0.5	1	3	5	0	0	0
BARGRO	10	8	15	20	8	0	30	65	80	70	15	10	18	30	30	20	10	30	55	93	90	85	97	65	40
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0.5	0	0	0	0
SAXTRI	0	0	0	5	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOELAT	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0

D-13. Relative abundance of species present at YKN13 - Site 13

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	80	100	95	80	75	100	85	95	95	85	95	98	97	75	95	90	85	60	75	75	50	80	85	80	85
CRYPTS	15	0.5	5	20	25	0.5	15	5	5	15	5	2	3	25	5	10	10	40	5	15	15	20	15	20	15
DIALAP	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	5	10	15	0	0	0	0
GRASSP	1	0	0	0	0	0	0.5	1	0	0	0	0	0	0	0	0	0	0.5	0.5	0	1	0	0	2	1
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	75	60	70	75	75	70	65	50	50	70	70	70	60	90	35	40	20	30	70	60	80	50	40	10	25
CRYPTS	25	40	30	25	15	20	35	50	20	30	30	15	30	5	5	12	70	50	12	25	15	30	2	20	20
DIALAP	0	0	0.5	0	0	3	0	0	15	3	0	10	10	5	15	5	5	2	0	7	5	5	30	40	50
GRASSP	0.5	0	0	0.5	0.5	0	0.5	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.5	3	0.5	0
DRYINT	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0.5	2	20	7	0	0	3	25	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0.5	2	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	45	25	28	20	75	85	55	55	33	80	65	75	10	45	75	50	80	40	70	85	30	65	45	70	55
CRYPTS	35	65	60	30	18	15	28	45	65	23	35	25	40	20	23	50	20	3	23	15	9	25	38	6	18
DIALAP	17	0	0	0	15	0	6	0	2	5	0	1	11	18	2	0	0	0	0	1	25	2	3	4	11
GRASSP	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	1	0	0	0	0	0	0.5	2	0	0
DRYINT	0	912	45	0.5	0	0	0	0	0	0	0	0	28	4	0	0	0	45	4	0	0	0	0	20	4
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	20	42	20	15	15	80	40	20	90	85	60	30	80	65	60	75	70	75	85	75	0	95	30	8	1
CRYPTS	55	30	65	70	75	10	18	10	12	15	3	40	20	8	35	25	20	10	15	25	0	5	10	10	5
DIALAP	23	0	3	8	0	5	13	15	1	0	1	0	0	15	0	0	0	0	0	0	0	1	12	30	85
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	20	12	4	5	0	0	0	0	0	20	15	0	0	6	0	15	8	0	0	3	0	5	10	4
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	4	6	0	0.5	45	55	20	70	88	65	94	75	70	85	45	75	70	82	85	70	40	12	30	10	90
CRYPTS	0.5	0.5	2	5	20	35	50	30	12	30	6	20	25	12	3	8	4	12	8	30	20	0.5	2	10	8
DIALAP	65	60	75	80	15	0	0	0	0.5	2	0	3	4	3	0.5	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0.5	0	0.5	0.5	2	3	0	0	0	0	0	0	0	30	12	25	0	0	0	35	55	45	25	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0.5	1
ARCRUB	0	0	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	6	0	0	0	0	1	3

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	100	75	15	75	85	75	50	75	60	85	95	97	75	90	30	80	100	95	95	90	75	45	12	45	80
CRYPTS	0.5	6	12	5	0.5	2	8	2	10	2	0.5	3	8	0.5	0.5	0.5	0.5	0.5	1	0.5	3	15	10	25	8
DIALAP	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0.5	0	0	0	0	30	2	10
GRASSP	0	0	0	0	0	0	2	0.5	0.5	0	2	0.5	0	0	0	0	0	0.5	1	0.5	0	0	0	0	0
DRYINT	0	12	55	15	12	6	35	15	30	12	0	0	0	0.5	70	0	0	0.5	2	5	20	35	8	15	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0.5	8	0	0	0	0	0	0	3	0	12	10	0	12	0	0	0	0.5	0	0	0	0	0

D-14. Relative abundance of species present at YKN14 - Site 14

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	90	70	80	90	70	15	10	40	20	5	2	100	10	10	15	50	20	50	0	10	50	65	70	50	30
CRYPTS	10	15	10	10	30	75	70	60	50	70	98	0	60	40	80	40	75	50	100	85	45	15	30	45	70
DIALAP	1	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	10	1	0	0	8	7	0	30	20	0	0	30	35	5	0	0	0	0	1	0	18	2	0	0
ANTFRI	0	2	0	0	0	0	0	2	2	0	0	0	3	0	2	0	0	0	0	0	0	0	0.5	0	0
GENPRO	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	2	2	3	1	4	0	0	0	2	1
GRASSP	0	0	0.5	0.5	0.5	1	3	1	2	1	1	0.5	1	2	0	2	1	1	1	0	2	0	0	0.5	0
CARSPP	0	0	0	0	0	0	1	2	0	0	0.5	0	2	0	0	0	0	0	0	0	1	2	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	85	10	45	70	55	75	40	65	45	60	65	85	90	60	40	5	0.5	45	15	15	75	75	80	60	45
CRYPTS	6	12	30	20	15	20	45	35	55	30	12	15	10	35	25	75	90	15	12	15	8	8	15	18	20
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	8	12	3	0	0	0.5	6	0	0	2	4	0.5	0	0	13	12	25	12	35	30	15	10	0.5	2	6
ANTFRI	0	0	0	0	0	12	4	0	0	0	2	1	0	0	4	6	0	0	0	2	2	3	0	0	0
GENPRO	0	0	0	3	0	0.5	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0.5	0.5	0.5	3	1	0.5	2	0.5	2	0.5	0	3	0.5	0	0	0	0.5	5	2	0.5	2	0.5	0.5	3
CARSPP	0	2	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	40	85	25	8	20	20	15	40	15	15	65	65	7	12	40	5	8	25	25	90	85	50	70	18	28
CRYPTS	60	16	35	90	35	65	85	60	63	30	28	20	85	80	55	90	90	40	65	8	15	50	25	20	70
DIALAP	0	0	38	0	0	0	0	1	15	25	0	2	0	0	0	0	1	2	10	2	0	0	0	0	2
DRYINT	0	0	0	0	40	18	0	0	0.5	12	2	8	18	10	0	0	0	0	0	0	0	0	8	60	1
ANTFRI	1	0	0	0	0	0	2	0	0	1	2	2	0	0.5	8	2	2	5	0	0	0	0	0	0	0
GENPRO	0	0.5	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
GRASSP	0.5	0	0	0.5	1	0	0	0.5	0	0	1	0.5	0.5	0	0	0.5	0	0.5	0	0	0	0	0.5	0	0
CARSPP	0	0	0	0	0	0.5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	10	15	15	13	5	25	1	20	55	30	30	20	20	15	20	15	2	20	0	0	0	5	5	10	40
CRYPTS	70	85	85	55	13	60	85	70	40	45	50	60	60	70	60	75	90	60	75	75	80	80	80	70	55
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	4	12	12	0	5	0	15	1	0	4	5	15	5	3	4	7	0	0	0	5
ANTFRI	1	0	0.5	0	0	0	2	0	0	5	0	0	4	4	0	0	0	0	0	0	0	0	0	5	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0.5	0	1	0	1	2	0	0	1	2	0.5	0	0.5	2	2	0.5	0	0.5	1	1	1	0
CARSPP	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	17	20	5	0
VACVIT	16	0	0	30	85	12	0	0	0	0	0	2	0	0	0	0	0	0	15	25	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	20	20	20	20	2	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	5	30	30	45	15	45	15	35	20	0.5	0.5	15	25	25	30	10	60	50	65	15	55	10	10	3	0
CRYPTS	25	15	25	55	60	35	40	30	55	90	95	80	75	75	70	90	25	50	20	80	10	30	85	30	80
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	30	8	3	12	20	2	0	8	2	6	0	0	0	0	0	0	0	0	12	3	25	20	15	65	25
ANTFRI	0	5	0	2	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	6	0	0	0	0	0
GRASSP	2	0	0.5	0.5	1	0.5	3	4	2	0.5	2	0.5	0.5	0	0	0.5	0	0	0	0	2	0.5	0.5	1	0.5
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
ARCRUB	0	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	4	6	0	4	0	0	0	0	0	0	0	0	0	0	0.5	20	0	0	2	0	0	0	0	0

D-14. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0.5	0	10	30	10	15	10	2	0.5	10	40	5	0	20	15	10	30	25	0.5	0.5	0.5	0.5	25	45	40
CRYPTS	90	85	30	45	90	85	90	95	90	90	25	85	95	80	85	80	55	15	80	90	90	95	75	65	60
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	15	12	15	8	0	0	0	3	8	0.5	20	3	6	0	0	5	8	35	15	6	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0.5	0	0
GRASSP	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	4	0.5	0.5	0	0	0.5	0	6	0	0	0.5	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-15. Relative abundance of species present at YKN15 - Site 15

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
SAXTRI	0	0	0.5	8	12	8	0	0.5	55	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
OXYCAM	2	0	0	3	2	15	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
GRASSP	2	6	3	4	2	12	2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3	6	3	10	6	15	8	6	0	1
ARTFRI	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	3	0	0	0	0
CRYPTS	2	0	0	0.5	0	0	0.5	0.5	0.5	2	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
BARGRO	25	65	95	65	70	6	100	85	6	95	100	100	100	100	98	98	95	98	85	80	90	90	95	100	90
SENLUG	0	0	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICOM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHMIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	25	6	10	8	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	15	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	1	3	2	1	0.5	0	0	0	0.5	0	1	1	0.5	0.5	0	0	0	0	0	0	0	0	0	0
ARTFRI	0	15	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	0	0	0	0	0	0	30	30	0	0	0	0	0	0	0	0	0	4	10	0	5	0	1	0
BARGRO	100	65	40	70	80	100	95	70	70	100	100	100	80	80	85	85	100	100	80	40	80	70	70	99	100
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	2	4	15	2	0	0	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICOM	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	2	4	0	0	0	0	0
CARSPP	0	1	0	0	0	2	5	2	0	0.5	0	0	0	0	0	0	0	0	20	35	25	15	15	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHMIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALP	0	0	0	0	0	0	0	0	0	10	3	0	6	0	0	0	0	0	0	0	0	0	0	2	8
SAXTRI	0	4	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0.5	0	12	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	2	0	0	0	0	0	0
GRASSP	6	3	3	2	0	0	0	0	0	0.5	2	4	1	6	4	4	0.5	0.5	0.5	0.5	3	4	2	0.5	0.5
ARTFRI	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	2	0.5	0.5	0.5	0	0	0	0.5	0	0.5	0	0.5	0.5	2	0	0	1	0.5	2	1	2	4	0.5	0.5	0
BARGRO	92	90	99	95	100	100	100	100	100	90	45	95	75	55	90	95	99	95	98	95	80	85	100	95	95
SENLUG	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0.5	25	0	0	0	0
CASHYP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHMIL	0	0	0	2	0	0	0	0	0	0	2	2	2	1	0	0	2	6	8	0	0	0	0	6	1

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALP	4	0	0	5	2	0	0	0	0	0	0	1	25	5	2	0	0	0	0	0	0	0	1	0	0
SAXTRI	0	0	0	35	25	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	4	20	35	20
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	2	0	0	0
GRASSP	0.5	0.5	0	0.5	12	25	30	6	0.5	0.5	15	2	3	5	0.5	12	6	2	0.5	0	0	0	0.5	0.5	1
ARTFRI	0	0	0	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
CRYPTS	0	0	0	0.5	2	0	0.5	0	0	4	0	0	0	0.5	3	4	3	0.5	0.5	0.5	2	0.5	0.5	0.5	2
BARGRO	85	100	100	40	8	65	70	95	100	95	90	95	75	90	95	90	90	90	100	95	98	95	45	12	80
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHMIL	8	3	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-15. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALP	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	5	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	2	0	0	0	0	0	0	0	0.5	0	3	0	15	70	5	0	0	0	0	0	0.5
GRASSP	1	3	2	0	0.5	0.5	0	0	0	0.5	0	1	0	0	0	0.5	3	0	0	0	0	0	0	0	0
ARTFRI	0	15	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0
CRYPTS	10	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	1	0	0	1	0	1	0	3	0
BARGRO	60	65	70	60	85	95	100	95	80	100	100	100	100	99	100	100	95	15	98	99	100	99	98	90	100
SENLUG	4	2	5	10	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICOM	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	5	10	10	2	15	1	0	0	2	1	0	0	0	0	0	0	2	10	8	0	0	0	0	0	0
SALSPP	0	4	10	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHMIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALP	0	0	0	0	15	6	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	7	20	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	15	20	6	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
GRASSP	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0.5	7	0	0	0.5	0	0	0.5	0	0	0
ARTFRI	0	0	20	8	0	0	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
BARGRO	98	100	80	85	85	70	0	95	80	45	100	100	100	100	100	98	100	95	100	100	100	100	100	85	100
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERICOM	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0
CARSPP	0	0	8	3	2	4	5	0	4	10	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	2	5	4	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHMIL	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-16. Relative abundance of species present at YKN16 - Site 16

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	90	60	85	95	99	75	10	50	50	10	50	90	100	100	100	100	100	100	100	100	100	100	95	100	80
CRYPTS	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0.5	0	0.5	1	0	0	1	0	0	0	3	4	2	0	0	0	0	0	0	0	0	0	0.5	2	1
CARSPP	0	10	1	0	0	0	0	6	0.5	4	4	0	0	0	0	0	0	0	0	0	1	1	0	0	0
SILACA	0	0	0	0	0	0	10	80	85	50	65	45	5	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	5	0	15	20	10	0	0	0	0	0	0	5	10	0	0	0	0	0	0	0	0	0	1	0	25
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
CRENAN	5	0.5	0	0	0	0	0.5	0	1	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0.5	0	0	0	0	0	0	0	10	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	10	0	0	0	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	2	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	50	85	30	65	80	90	45	30	40	0	60	75	80	85	90	92	65	60	65	70	50	30	20	80	90
CRYPTS	0	0	0	10	0	5	15	30	40	50	10	0	10	5	0	4	10	20	10	10	50	70	60	5	0
GRASPP	0	1	2	0.5	1	1	3	5	0	0	1	0	0	0	0	0	0	1	3	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	5	20	5	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	25	10	0	0	0	0	5	25	0	0	0	0	0	0	0	0	20	5	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	5	0	0	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRENAN	0	0	0	0	0	0	0	10	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	3	5	35	25	0	0	0	0.5	5	10	4	15	0	0	0	0	0	0	0	0.5	0	0.5	1	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0
DODFRI	0	0	20	5	0	2	5	0	0	0.5	10	5	0	0	0	0	0	30	2	3	0	0	2	15	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	90	100	85	100	100	95	98	0	8	100	98	100	35	98	100	100	100	100	92	100	45	0	98	94	95
CRYPTS	0	0	3	0	0	2	0	0	2	0	0	0	2	0.5	0	0	0	0	0	0.5	4	0	0	0	0
GRASPP	0	0	0	0	0	0	0.5	0	0	0	0	0.5	0	2	0	0	0.5	0	0	0	4	0	2	6	0.5
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	2	0	0	0	0	0	0	35	15	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	4
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRENAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	2	0	0	0	12	0.5	0	0	0	0	0	0	12	10	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0	0	0	4	0	0	0	8	0	0	0	0	0	8	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	8	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	6	0	0	0	0	0	0	1	6	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-16. Continued...

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	95	65	25	80	75	85	95	65	95	55	60	96	90	98	25	85	90	65	98	95	85	35	75	15	90
CRYPTS	0	2	0.5	0	0.5	0.5	1	0.5	0	0.5	0	0.5	0.5	0	0	2	3	0	0.5	0	2	0.5	0.5	2	1
GRASPP	2	1	0.5	2	0.5	0.5	0.5	2	0.5	8	6	5	5	3	0.5	4	0.5	1	3	0.5	6	8	6	8	2
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	3	12	0	15	25	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	3	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRENAN	0	0	0	0	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	3	45	0.5	0	0	3	8	0	30	18	0	6	0	30	3	6	0	0	4	3	25	2	18	0.5
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	12	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0.5
GENPRO	0	0	0	10	0	0	0.5	0	3	0	0	2	0	0	0	0	0	0	3	8	0	0	2	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	6	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	4	0	0	0	0	0	0	0	12	0	0	0	2	0	0	0	35	0	0	0	0	0	0	6
TAROFF	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	75	100	95	100	100	100	100	100	100	100	100	92	100	99	25	75	75	10	0	0	10	35	94	98	95
CRYPTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20	20	0.5	0	0	0	8	6	0.6	2
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0.5	0	0	0	0.5
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
CRENAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.5
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	25	0	0	0	0	0	0	0	0	0	0	8	0.5	0	0	0	0.5	0	0	0	0	12	0	0	0
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0.5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	90	100	100	90	0.5	0	0	0	0
ERIHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	100	100	100	70	25	8	15	25	45	90	100	95	99	95	30	40	94	60	80	98	97	94	100	100	100
CRYPTS	0	0	0	6	15	25	30	0.5	2	3	0.5	0.5	0.5	0.5	2	4	6	3	0.5	0.5	3	6	0	0.5	0.5
GRASPP	0	0	0	0.5	2	2	0.5	0	0	0	0	0	0.5	0	0.5	0.5	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	20	25	55	20	0	0	3	0	0	0	0	0	18	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRENAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	4	45	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-16. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	20	0	0	0	0	0.5	0	0	0	0	0	0	3	0	0.5	20	2	0	0	0	0	0
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-17. Relative abundance of species present at YKN17 - Site 17

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	15	12	0	0.5	0	6	5	6	0	6	4	0	0
LINBOR	65	8	4	0.5	12	15	20	2	8	6	12	4	6	15	25	0.5	4	35	6	8	2	0	0	2	0.5
GRASSP	3	0	0	0	0.5	0	0	1	0.5	0.5	0	0	0	0.5	2	0	0	0	0.5	0.5	0.5	0	3	2	3
EPIANG	0	6	0	0	0	2	5	0	0	0	0	0	0	15	2	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	4	90	65	25	6	55	95	60	55	0.5	0.5	0.5	2	0	1	4	0.5	0	0.5	0.5	0.5	5	0.5	0.5
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0.5	0	0	0	0	0	0	0	1	0.5	2	0	2	0	0	3	0	0	0	0	2	0	3	0.5	0
ARCUVA	0	2	0	0	0	0	0	0	0	0	0	0	20	6	4	0	3	0.5	0	0	0	0	0	12	18
HEDMAC	0	0	0	0.5	3	2	0	0	0.5	0	0	0	12	0.5	0	0	0	0	0	0	0	0	0	0	0
MERPAN	0	0	0	0	0	2	0	0	4	0	8	2	2	0	0	0	0	0	0	0	0.5	0	0	0	0
SALSPP	0	0	0	0	0	0	0.5	30	45	35	20	0	0	15	0	0	0	0	0	0	0	0	0	0	0
PICGLA	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
ARCALP	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	3	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEOLIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUSCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINBOR	20	30	30	20	50	30	30	20	15	25	30	45	30	50	30	30	45	50	30	55	8	30	35	12	8
GRASSP	1	1	0.5	2	0	1	1	0	0	1	1	1	1	1	0	0	0.5	0.5	5	0.5	0.5	3	3	4	2
EPIANG	0	0	0	0	10	0	0	0	0	0	1	0	0	0	2	0	0	8	0	18	35	0	0	2	0
CRYPTS	30	40	20	30	20	10	20	20	20	30	20	20	15	30	30	40	0.5	0.5	0.5	0.5	0.5	4	0.5	2	0.5
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	8	8	0	0	0	0	1	1	0	1	5	0	0	0	0	0	0	0	0	0
ARCUVA	35	25	30	20	5	8	5	0	0	0	0	0	0	0	0	0	0	6	0	6	15	0	3	0	25
HEDMAC	0	8	5	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	8	4	0
MERPAN	20	2	15	5	5	0	0	0	0	0	0	0	0	0	0	20	6	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	10	10	50	60	90	100	100	100	30	0.5	0.5	0	10	8	25
PICGLA	5	0	0	20	0	15	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0
ARCALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
VACVIT	0	5	0	25	10	0	0	5	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	5	8	3	8	5	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	0
SHECAN	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
GEOLIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUSCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALP	0	0	0	0	0	0	0	0	0	2	6	2	12	6	8	35	15	35	40	55	30	25	25	15	3
LINBOR	30	4	35	55	60	35	15	25	6	0	0	3	25	20	15	8	25	2	4	6	8	2	5	3	4
GRASSP	0.5	0.5	6	0.5	0.5	0	0	0.5	2	2	0.5	1	0.5	2	0.5	0.5	0.5	0.5	0.5	0.5	0	0.5	0.5	0.5	5
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	2	0.5	0.5	0.5	0.5	0.5	2	0.5	3	35	8	2	0.5	0.5	0.5	2	0.5	4	8	6	8	0.5	12	0.5	0.5
BARGRO	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	4	0	0	2	0	0	0	2	6	4	5	0	0	2	0.5	0	2	0	3	0	0	1	6	3	0.5
ARCUVA	0	8	0	0	0	0	0	0	0	0	0.5	35	0	0	0	4	2	0	0	0	0	0	0	0	0
HEDMAC	0	0	2	8	20	8	10	8	0	2	0	0	6	12	0	0	0	0	2	2	2	8	0	0	2
MERPAN	0	2	0	6	0	0	3	35	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	15
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PICGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCALP	0	0	0	0	0	0	0	0	0	0	6	2	3	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0.5	0.5	2	2	0	0	0	0	0	0	0	0	3	25	65	30	35	40	0	0	0	25	80	25
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0
SHECAN	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEOLIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	0	0	0	0	0	0	0	0	0

D-17. Continued...

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUSCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALP	15	5	0	0	0	10	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINBOR	20	20	20	30	30	30	20	40	30	10	30	50	60	70	40	40	50	35	50	70	60	40	40	60	40
GRASSP	1	2	5	1	0.5	1	0	0	0	1	1	10	5	0	2	8	10	4	3	2	5	2	4	8	3
EPIANG	0	0	0	25	0	0	8	0	0	0	0	0	0	0	30	20	0	0	20	0	0	0	0	0	0
CRYPTS	20	20	40	40	20	60	50	10	5	30	30	20	5	10	20	0	10	0	0	20	30	20	30	50	20
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	40	0	0	0	0	0	0
GENPRO	25	15	0	5	5	10	6	20	20	15	2	5	0	10	15	3	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEDMAC	30	25	25	2	0	0	0	0	5	0	0	0	10	10	0	0	0	0	0	0	0	5	20	5	10
MERPAN	10	7	0	0	0	0	6	20	0	10	0	15	5	0	0	0	0	0	0	0	25	40	0	0	0
SALSPP	0	0	0	0	0	0	10	0	0	10	20	20	60	60	100	100	100	100	100	100	100	100	80	70	0
PICGLA	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCALP	15	5	0	0	0	10	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	30	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
CARSPP	6	0	0	2	2	0	8	0	3	3	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEOLIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	10
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUSCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINBOR	4	2	4	3	0	2	12	25	6	0	6	3	6	4	5	3	2	3	12	8	8	4	8	4	8
GRASSP	0.5	0.5	0.5	0.5	0.5	0	0	0.5	0.5	0.5	0.5	0.5	0	0.5	0	0	0	0	0.5	0.5	0.5	0	0.5	0.5	0
EPIANG	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	0.5	0	0	0.5	10	3	0.5	25	65	99	65	5	5	0.5	50	12	0.5	12	15	0.5	2	35	90	80
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
GENPRO	0	0	0	0.5	0.5	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ARCUVA	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	25	30	6	12
HEDMAC	0	0	0	0	0	0.5	0	0	0	3	5	8	0	6	4	2	12	30	0.5	0	0	0	0	0	0
MERPAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0.5	20	0	100	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
PICGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCALP	0	0	0	0	6	12	15	2	10	4	0.5	5	35	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	3	0	2	0	0	0
VACVIT	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0.5	0.5	4	0	2	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	1
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEOLIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	11	0.5	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	3	0.5	0	0	0	0	0
EQUSCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINBOR	20	25	35	30	40	30	55	55	60	50	50	50	75	60	40	40	30	60	60	65	40	70	40	60	60
GRASSP	0	0	1	0.5	0.5	0	0.5	0.5	0.5	0.5	0	0.5	0.5	0	0	0	0	0	2	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	40	15	0	0	0	0
CRYPTS	25	0.5	0.5	2	0.5	0.5	0.5	2	2	0.5	20	10	10	10	20	30	40	20	15	20	30	30	40	30	20
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	5	0	0	0	0	0	0	0	3	4	0	0	20	6	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	25	65	15	2	20	35	40	8	15	25	10	40	45	15	30	0	10	0	10	0	15	0	10	15	0
HEDMAC	0	0	0	0	0	0	0	0	0	0	20	10	0	0	0	0	0	0	0	0	0	0	0	0	0
MERPAN	0	0	3	0	0	0	0	4	3	6	0	0	5	5	20	0	20	0	30	0.5	0	10	0	0	0

D-17. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
SALSPP	0	0	70	100	100	100	100	100	100	100	100	0	100	80	60	0	10	0	0	0	10	30	30	30	60
PICGLA	0	0	0.5	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
ARCALP	0	0	0	0	0	4	15	50	12	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6	0	5	2	2	5	5	0	0	0	0
SHECAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GEOLIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	6	25	15	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	2	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	5	0	0.5	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUSCI	0	0	0	0	0	0	0	0.5	0	0.5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

D-18. Relative abundance of species present at YKN18 - Site 18

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0.5	2	0.5	0	0	0	0	0	0
ANEPAR	55	8	0	0	0	0	0	30	4	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	40	6	20	25	6	4	15	20	5	12	10	25	30	30	35	8	5	6	8	2	0.5	0.5	2	0.5	0.5
BARGRO	20	90	80	75	94	95	85	75	80	88	90	75	70	70	65	92	95	92	90	98	99	99	98	100	100
SALSPP	0.5	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0.5	0	0	0	0	0	0
GRASPP	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0.5
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	3	10	20	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	30	50	40	70	50	40	80	70	50	70	35	50	50	90	90	60	35	35	30	65	30	70	50	55	40
BARGRO	70	50	55	30	50	60	20	30	50	30	65	50	50	5	5	30	65	60	70	35	70	30	50	40	40
SALSPP	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	3	0	0	0	0	0.5	0	0	1	0	2	1	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	2	0	0	1	1	0.5	0	0
EPIANG	0	0	10	3	0	0	0	0	0	0	0	0	0	0	0	0	5	15	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	12	15	5	0	0	0	0	0	0	0	0	0
PINCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	0	0	2	0.5	0
ANEPAR	0	0	0	0	0	0.5	0	0	0	4	0	0	0	0.5	0	0	0	0	0	2	15	0.5	0	0	0
CRYPTS	8	4	12	3	25	6	50	85	90	50	75	20	65	60	55	50	90	95	55	50	80	95	10	60	25
BARGRO	92	96	88	90	75	60	30	10	10	45	25	80	35	40	45	50	10	5	40	10	8	0.5	90	40	75
SALSPP	0	0	0	0	0	30	55	0.5	0	0	2	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0
GRASPP	0	2	0	0.5	0.5	0	0.5	0.5	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0	0	0.5	0.5
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
SENTRI	0	0	0	6	0	6	0.5	0	2	0	0	0	0	6	0.5	0	0	0	0	0	0	0	0	0	0
PINCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	5	0.5	0	45	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	2	5	10	2	3	0	5	3	0.5	5	0	0	4	10	0	0	0	5	5	3
CRYPTS	70	70	60	70	70	40	70	70	45	80	50	60	40	60	60	90	80	78	40	50	90	30	70	85	80
BARGRO	30	30	20	30	30	60	27	20	35	20	30	40	60	40	40	10	20	20	60	30	60	70	20	0	0
SALSPP	0	10	50	0	0	2	10	10	2	0	0	0	0	0	0	0	0	0	0	0.5	2	0	0	0	0
GRASPP	0	2	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	1	0.5	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	20	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	5	0	2	5	0	0	0	0	0	0	0	5	30	10
PINCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	60	30	60	5	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	6	3	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0
CRYPTS	0.5	2	6	8	12	4	65	80	85	75	60	80	65	40	30	75	60	50	80	75	95	95	40	30	55
BARGRO	50	50	40	30	0.5	0.5	0.5	6	5	0.5	8	10	20	35	0.5	12	20	40	115	10	0.5	0.5	25	70	40
SALSPP	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	8	4	0	0	0
GRASPP	0	0.5	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	4	20	0	0	0	0	0.5	2	0	0	0	0	0	0	0	0	8
SENTRI	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	4	0	0	6	0	0
PINCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0.5	45	35	0.5	65	80	25	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0

D-18. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTFRI	6	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0.5	0	0	0	0.5	15	75	45	50	15	8	0	0	0	0	0	0	0	0.5	0	0	0	0
CRYPTS	60	55	20	25	30	25	30	75	25	0.5	0.5	80	65	85	75	60	80	50	75	65	90	90	85	80	75
BARGRO	20	30	75	75	70	75	25	0.5	0.5	0.5	0.5	0.5	12	10	20	25	20	50	20	30	10	0.5	10	15	20
SALSPP	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0.5	0.5	0.5	0	0	2	4	0.5	0.5	0.5	4	10	0.5	0	2	5	4	12	4	0.5	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	6	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
SENTRI	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5
PINCON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0

D-19. Relative abundance of species present at YKN19 - Site 19

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTFRI	0	0	2	0	0	0	15	20	5	0	0	0	0	0	3	0.5	0	0	0	0	0	0	0	0	0
BARGRO	85	98	95	100	75	60	80	45	50	10	10	15	65	70	85	60	70	25	10	10	35	40	80	65	100
CRYPTS	10	0.5	0.5	0	15	12	0.5	25	25	50	45	70	20	15	10	5	10	25	30	45	50	60	10	15	0.5
CARSPP	2	0	0	0.5	0	0	0	0.5	5	0	0	2	1	0	0	0	0	4	0	0	0	2	1	0	0
DRYINT	0	0	0	0	5	2	0	0	12	25	30	0	0	0	0	0	10	0	0	0	5	1	1	0	0
GRASSP	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	10	0
VACVIT	0.5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0.5	10	15	2	0	0	0	0	0	0	0	0	0	0
BARGRO	100	90	90	65	40	75	80	30	10	95	98	45	50	45	12	8	15	35	20	55	60	30	80	75	55
CRYPTS	0.5	2	5	30	25	18	8	35	55	2	0.5	40	20	30	55	70	65	50	12	15	5	35	10	20	15
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0.5	5	0	0	0	2	0.5	1	1	0	0	0	0	0
DRYINT	0	2	0	0	0	0	0	0	25	0	0	0	0	2	20	15	5	0	0	0	0	0	0	0	0
GRASSP	0	0	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	2	0	0	0	0	0	0	10	0	0	0	0	0	0	0.5	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
TAROFF	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	5	0	0	0	0	0	0	0	0	0	0
BARGRO	12	55	20	75	30	70	20	10	20	10	60	60	15	60	25	30	20	85	50	0	0	60	10	30	35
CRYPTS	18	25	20	0	0	55	40	35	20	0.5	0.5	2	30	18	55	40	55	65	12	15	10	20	15	0.5	0.5
CARSPP	0	0	0	0	2	0	0	0	0	0.5	1	1	0	0	0	0	0	0	2	0	0	0	0	0.5	0
DRYINT	0	0	0	0	0	0	0	0	0	0	30	15	45	10	5	0	0	0	0	0	0	0	0	65	45
GRASSP	0	0	0	0	0	0	0	0	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	70	30	30	0	15	0	25	55	60	30	20	10	10	35	75	85	98	98	45	80	65	70	95	100	30
CRYPTS	15	70	30	10	5	20	45	25	25	15	0.5	12	55	20	5	8	0.5	0.5	35	12	20	15	0.5	0.5	55
CARSPP	0	0	0	2	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	4	5	0	0	0
DRYINT	0.5	0	18	55	60	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0.5	0	1	0	0	0	0	0
ANEMUL	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	2	5	20	0.5	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	12	15	8	0.5	0	0	0	0	0	0	0	0
BARGRO	75	60	45	18	30	100	100	90	100	65	98	90	15	80	75	25	30	15	5	60	70	35	45	20	50
CRYPTS	20	18	12	60	45	0.5	0.5	6	0.5	15	0.5	5	55	2	5	60	55	45	12	25	15	30	20	18	20
CARSPP	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	15	8	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	1	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	12
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTFRI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	35	40	45	90	90	80	75	80	15	35	50	25	85	98	75	45	20	15	25	45	60	100	80	40	35
CRYPTS	45	30	25	0.5	0.5	15	15	10	65	40	35	12	10	0	8	30	45	55	20	30	15	0	10	45	20
CARSPP	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.5
DRYINT	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1	15	15	5	40	10	0	0	0	0	0
GRASSP	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-20. Relative abundance of species present at YKN20 - Site 20

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTMON	0	0	0	0	3	0	0	0	0	0	0	0	0.5	2	0	0	0	0	0	0	0	0	0	0	0
BARGRO	10	50	45	80	60	75	100	25	70	85	15	60	45	25	45	70	65	80	100	100	95	35	20	12	15
CRYPTS	35	2	3	2	35	15	0.5	60	15	5	60	35	30	60	50	20	30	5	0.5	0.5	0.5	40	65	80	75
CARSPP	0	0	3	0	0	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
DRYINT	55	45	0	15	0.5	0.5	0	0	0	0	20	0.5	20	0	0	0	0	0	0	0	0	20	10	5	0.5
EMPNIG	0	0.5	0	0	0	0	0	10	15	5	0	0	0	10	5	0.5	1	10	0	0	0.5	0	0	0	0
SAXTRI	0	0	25	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0.5	0	0	0	0.5	0	0	0.5	0.5	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTMON	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	55	35	80	75	45	30	45	80	75	65	90	55	60	15	5	5	80	30	70	20	15	60	60	10	20
CRYPTS	30	55	8	10	35	55	40	3	20	20	0.5	30	10	80	90	95	10	55	20	65	75	30	15	75	70
CARSPP	0	5	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0.5	2	0	0	0	0	0	0	0	1
DRYINT	0	0	0	0	5	5	10	5	0	0	0	0	0	0	0	0	0	5	2	10	2	0	0	0	0
EMPNIG	0	0	0	8	0	0	0	0	0	0	0	0	12	2	0.5	0	0	0	0	0	0	0	0	0	0
SAXTRI	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0
GRASSP	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	15	80	20	15	30	10	25	80	60	20	50	70	85	30	20	30	10	50	20	20	35	70	50	30	60
CRYPTS	65	12	60	65	50	80	45	15	25	60	35	20	5	55	55	60	80	30	75	65	45	18	35	55	35
CARSPP	5	3	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0.5	2	0	0	0	0	0	0	0.5
DRYINT	0	0	0	0	0	0	20	5	5	0	10	0	0	5	15	2	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	5	12	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTMON	0	0.5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	10	0	0	30	65	70	95	100	98	95	70	65	0	85	95	100	99	15	80	65	75	99	90	30	100
CRYPTS	75	95	80	55	30	10	0.5	0.5	0.5	0.5	20	25	65	10	0.5	0.5	0.5	70	15	25	10	0.5	5	55	0.5
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
DRYINT	0	0	0	0	0.5	0	0	0	0	0.5	0.5	3	30	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0.5	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0
BARGRO	100	90	95	65	35	55	85	70	15	0	0	88	95	20	40	70	35	30	85	20	70	10	25	12	98
CRYPTS	0.5	2	0	20	40	30	10	10	75	98	98	10	0.5	70	35	15	55	45	8	70	15	80	60	80	0.5
CARSPP	0	0	0	0	0	0	0.5	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	1	3	10	20	0	0	0	0	0	0	0	0	0	15	8	2	20	0	0.5	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.5	0.5	0.5	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	97	98	65	5	10	8	90	100	100	100	97	30	60	55	1	15	25	8	35	80	75	60	75	55	60
CRYPTS	0.5	0.5	25	80	75	70	5	0.5	0.5	0.5	0.5	55	20	25	95	80	65	75	55	10	18	20	5	35	35
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	1	1	0	0
DRYINT	0	0	0	10	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	2	8	0	0	0.5	10	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-21. Relative abundance of species present at YKN21 - Site 21

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTFRI	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0.5	2	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	25	25	20	15	10	35	40	15	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	60	65	55	30	50	55	65	80	75	50	25	20	85	90	95	100	100	98	5	100	65	80	85	75
CRYPTS	0.5	25	5	20	25	3	10	2	1	5	0.5	8	55	8	2	2	0	0	0.5	20	0.5	10	15	5	15
CARSPP	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	15	10	3	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0
GRASSP	0	2	0	0	0	0	0	0.5	0.5	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0
GENPRO	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	10	15	15	30	10	0	0	0	3	10	25	0.5	2	0	0	0	0	0	0	0	5	5	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	8	10	0.5	0	0	0	0	0	0	0	0	0	0
SALSPP	0	20	20	8	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	80	35	10	25	30	50	45	35	30	30	65	80	75	10	15	20	55	80	85	98	100	100	80	85	60
CRYPTS	12	0.5	55	50	45	30	20	50	40	15	20	5	15	55	55	60	25	10	8	0.5	0.5	0	15	5	25
CARSPP	5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5
SAXTRI	0	0	0.5	0	0	3	10	2	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	1	1	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	3	5
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
ARCRUB	0	35	2	20	15	5	10	0	20	45	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	0	0	0	0.5	0	0	0	0	0	0
SALSPP	0	0	0	35	20	10	15	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	75	30	35	40	25	20	25	0.5	30	85	35	40	25	8	55	40	5	90	95	65	60	30	55	20	70
CRYPTS	8	55	20	15	10	10	50	15	45	10	12	50	35	55	5	15	60	0.5	0.5	15	20	45	12	35	20
CARSPP	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	3
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.5	0	0	6	4	1	0	0
GRASSP	1	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	5	2	0	0
ARCRUB	0	0	30	0	40	35	0	55	15	0	0	0	0	0	0	0	0	0	0	0	10	12	2	30	0
BETNAN	0	5	0	0	0	12	3	0	0	0	25	5	20	30	25	35	10	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SALSPP	0	0	0.5	0	0	0	0	0	0.5	20	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	65	35	40	10	60	55	90	95	25	5	0.5	70	65	30	15	45	85	60	45	30	30	25	35	65	85
CRYPTS	20	10	5	25	12	30	0.5	0.5	30	10	5	12	8	25	45	20	0.5	15	25	50	35	40	45	15	10
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	10	2	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0	0	0	0	0	1	0.5	10	0	0	0	0	5	2	5	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	40	10	20	0.5	0	0	0	0	50	0	0	0	0	20	5	5	12	0.5	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0.5	0	0	30	5	20	0.5	0.5	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	8	10	2	5	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	5	8	1	0	1	15	2	25	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	40	0	0	12	35	10	0	20	45	55	10	65	15	85	85	90	25	0	30	55	15	45	90	100	98
CRYPTS	12	60	55	25	40	45	25	55	30	15	30	8	8	5	2	2	65	70	55	30	40	20	0.5	0.5	0.5
CARSPP	0	0	5	5	0.5	0.5	3	0	0	0	0	0	2	2	1	0	5	0	0	0	2	0.5	0	0	0
SAXTRI	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.5	2	0	0	0.5	0	0	0	0	0	0
GRASSP	0	0	0	0	4	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0	20	5	0	0	0
GENPRO	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.5	0	0	2	1	0	0
BETNAN	0	0	0	0	0	0	8	20	5	2	25	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	2	0	0	0	0	0	0
SALSPP	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.5	0	0	0	0	0
BARGRO	85	30	65	80	70	75	40	55	80	95	98	85	35	65	15	5	20	35	20	50	55	80	75	45	15
CRYPTS	0.5	45	15	10	12	12	55	20	10	0.5	0.5	5	45	20	20	35	45	25	40	12	10	5	5	20	55
CARSPP	1	1	2	0	0	0	0	5	0	0	0	0	0	0.5	0	0	0	0	3	3	0	0	0	0.5	0
SAXTRI	0	0	0	1	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	10	15	0	0	0	0	0.5	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	8	2	10	5	0	0.5	0	0	0	0	0	0	0	0	30	15	10	12	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	20	0.5	0	0	0	0	0	0	0	0

D-22. Relative abundance of species present at YKN22 -Site 22

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTMON	0	0	0	2	0	0	2	0.5	0	0	0	0	0	0	1	1	0.5	0	0	0	0	0	0	0	0
BARGRO	10	20	80	70	65	90	35	80	25	10	20	10	30	85	70	55	35	40	20	15	15	50	65	30	45
BETGLA	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	8	10	0	0	5	10	10	0	0	0
CARSSP	0	0	2	0	0	0	0	0	0	0	3	0.5	0	1	2	2	0	0	0	0	0	5	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	2	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	10	8
GRASSP	20	10	0.5	8	3	0.5	12	1	15	0.5	5	0	15	0.5	10	5	5	0.5	0.5	3	5	5	0.5	0.5	0.5
CRYPTS	60	45	10	10	30	0.5	40	5	50	90	60	85	45	0.5	5	20	15	30	30	65	50	10	20	40	18
SALSSP	0.5	1	0	0	0	0	0	2	0	0	0	0	0.5	0.5	0	0	30	20	25	0	8	10	0	5	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0.5	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTMON	0	0	0	0	3	2	0	0	0	10	12	0.5	0	0	0	0	0	15	10	30	8	0	0	0	2
BARGRO	55	10	70	30	45	12	35	30	50	20	15	15	10	60	80	70	0	15	0	30	20	60	50	10	10
BETGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSSP	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0.5	2	2	0.5	0	0.5	0	4	0.5	0	0	0	0	2	0	0.5	0	0.5	0.5	0	0	0	0.5	0	0
CRYPTS	8	55	12	60	20	80	40	35	50	50	40	35	70	10	0.5	0.5	100	35	60	20	60	25	30	80	65
SALSSP	0	0	0	0	15	0.5	10	10	0.5	0	16	0	0	0	0.5	10	0	0	8	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	0	0	2	5	0	0	0	0	0.5	0	0	0	0	20	12	0	0	0	2	0.5	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTMON	0	0	2	0	0	0	0	0	0	0	0	0	10	2	0	0	0	0.5	0	0	0	0.5	0	0	0
BARGRO	60	75	80	20	12	98	30	100	65	90	80	85	90	75	8	60	55	10	80	100	100	98	98	75	85
BETGLA	0	0	0	8	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
CARSSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	2	0	0.5	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0.5	3	0.5	0.5	0	0	5	0	0.5	0	0	2	1	0.5	0.5	1	3	0	0	0.5	0.5	0	0	1	0.5
CRYPTS	5	3	8	45	0.5	2	30	0	5	0.5	12	0	0	0.5	0	25	30	0	0	0	0	0.5	0.5	0.5	0.5
SALSSP	0	0	0	0	45	0	0	0	1	2	0.5	0.5	0	0	0	0	0	0	20	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTMON	0	0	0	10	0	0	0	0	0.5	20	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0
BARGRO	90	65	98	29	98	60	75	100	100	10	75	88	60	30	85	100	100	98	85	98	55	90	80	75	60
BETGLA	0	0	0	0	2	2	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
CARSSP	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	1	0.5	0	0.5	0	3	0	0	0	0.5	1	0	0	0.5	0.5	0	0.5	0.5	0	0	3	1	1	0.5	0.5
CRYPTS	3	8	2	15	0.5	15	10	0.5	0.5	3	8	12	30	0.5	0.5	0	0	2	3	0.5	6	1	15	12	12
SALSSP	0	10	35	0	0	8	0	0	0	55	10	0	0	0	0	1	2	0	0	0	0	0	3	10	10
SAXTRI	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	25	6	0	0	0	0	0	10	0	0	0	0
SIBPRO	0	0	0	6	0	10	2	0	0	0	0	0	12	15	5	0	0	0	2	0	0	2	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-22. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	100	100	100	100	55	30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
BETGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	10	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0.5	0	0.5	0.5	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	0.5	0.5	0.5	0.5	0.5	0.5	20	45	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	100	100	100	100	40	75	60	20	90	88	40	98	98	98	65	30	75	60	82	50	25	65
BETGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASSP	0	0.5	0	0	0	0	0.5	3	0.5	0.5	0	0	0	0.5	0.5	0.5	0	2	1	1	0	0	0.5	0.5	0.5
CRYPTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSSP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	5	2	2	0	0	3	0	0
VACVIT	0	0	0	0	0	0	0	5	2	10	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-23. Relative abundance of species present at YKN23 - Site 23

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	5	20	10	8	20	0	0	0	0	30	45	0	0	5	20	20	0	0	0	2	0.5	10	10	15	0.5
CRYPTS	90	80	90	0	0	100	100	100	100	50	30	100	10	85	70	60	98	98	100	90	85	70	80	65	40
GRASPP	0.5	0.5	0.5	0	5	0	0	0.5	0.5	0.5	0	0	0	2	12	1	1	0	0	2	0	0	0	0	0
SALSPP	0	0	0	45	60	0	0	0	0	10	12	0.5	0	0	0	10	0	0	0	0	0	0	0	0	0
BETGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	10	8	0.5	0	0
POTUNI	0	0	0	0	0	0	0	0	0	2	10	0	0	0	0	3	0	0	0	0	0	3	2	12	30
ANTMON	0	0	0	15	12	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	20
CARSPP	0.5	0	0	20	0.5	0	0	0	0	5	0.5	0	0	0	5	3	0	0	0	0	0.5	0	0	0	0
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	20	5	10	20	5	5	2	0.5	65	30	45	25	12	2	0.5	65	80	12	10	1	0.5	5	0	5	1
CRYPTS	40	65	70	35	80	80	90	98	20	65	40	75	80	95	98	30	20	88	80	99	90	85	100	95	99
GRASPP	3	0.5	0	0	0	0	5	0.5	0.5	0	0.5	0	0	2	0.5	0	0	0.5	0.5	0	0	0	0	0	0
SALSPP	0	0	12	40	5	5	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	2	0	0	0
BETGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	12	0	0.5	0.5	2	0	0	3	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0
CARSPP	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0	2	0	0	0	12	0.5	3	0.5	0.5	0	0	0	3	0	0	0	0	0	0
SENTRI	30	10	0	3	0	0	0	0	10	2	0.5	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	0	0	0	0	0	0	5	0	2	0.5	10	8	0	0	10	2	30	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	95	100	100	100	90	100	95	98	80	85	100	80	90	55	100	100	80	100	100	100	100	100
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	20	15	0	10	10	0	0	0	5	20	5	0.5	0	0	0	0	0	0	0	0	0
BETGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	12	10	30	10	0	0	0	0	20	0.5	0	0	0	0	12	20	15	0	0	0	0	0	3	20	40
ANTMON	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	12	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0	5	0.5	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	0	0	0	0	0	0	0	0	0	0.5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	100	100	100	100	100	100	98	65	90	100	100	100	100	100	100	100	100	100	100	100	100	100
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	5	25	0	0	0	0	0	0	18	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
BETGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	1	0	0	3	0	0	12	15	0	0	0	0	0	0	0	25	8	0.5	4	6	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	20	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
GRASPP	0	0.5	0.5	0	3	0	0	0	0	8	5	0	0	0	2	0	0	0	0	0.5	0.5	0	0	4	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	5	0	0	2	0.5	0.5	0	0	0	0	12	0	0	0	0	0	0	0	0.5	0	0	0
ANTMON	0	0	0	0	0.5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	2	0	0	0	0	0.5	0	0	0.5	0.5	0	0	0	0	0	0	0	0

D-23. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	95	30	25	18	75	80	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
GRASPP	0	0	0.5	0	0	0	8	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETGLA	0	0	0	60	55	80	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0.5	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0.5	0	2	2	1	0	0	6	0.5	0	0	0	0	0	0	5	2	2	0.5	0.5	0	0	0	0
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	0.5	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0

D-24. Relative abundance of species present at NWT01 - Site 24

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALA	0	0	2	0	0	0	0	10	6	0	0	0	2	5	0	0	0	0	0	0	0	0	0	0	0
ACODEL	0	4	35	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	12	6
ARCRUB	15	3	4	5	8	3	0	0	0	0	0	0	0	0	0.5	25	12	30	15	5	4	2	0	3	8
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	20	8	15	3	8	8	4
BARGRO	25	15	15	55	75	95	90	80	90	100	100	100	95	45	100	75	85	35	25	15	6	3	3	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	30	2	0
CARSPP	0	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	5	2
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	1	25	0	0	0	0	5	6	2	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	3	0.5	0.5	2	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5	2	0	0	0	0.5	0.5	1
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	2	10	0.5	10	0.5	0.5	0.5	0.5	0.5	0	0	0	0.5	0.5	0	0	1	0.5	5	10	25	15	25	85	30
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	5	0	0	3	3	2	10	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5	0.5

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	0	0	0	7	3
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	15	10	10	35	30	20	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	10	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	30	75	70	45	0	30	30	30	35	25	50	65	90	100	100	100	100	100	100	95	95	100	100	95	95
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	1	0	0.5	0	0.5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	7	15	15	0	20	7	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5
LEDPAL	0	0	0	0	0	0	0	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	50	15	30	40	0	40	40	65	60	50	30	30	0	0	5	5	2	0	0	0	0	0	0	0	7
OXYCAM	0	0	0	0	0	0	0	0.5	0	0	0	5	20	0	0	0	0	0	0	0	10	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0.5	0	0	0	0	0	0	0	2	0	0.5	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0.5	5	5	0	0	0	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0.5	15	5	4	20	15	10	0	1	0	0	0	0	0	0	2	2	0	25	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	3	0	0	0	0	5	30	15	55	65	20	0.5	45	0	90	95	85	100	65	75	100	100	94	100	100
BETNAN	12	20	75	30	25	1	0	0	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	2	0	0	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0.5	2	2	1	2	2	0.5	0.5	0	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0.5	0	0.5	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	5	8	0.5	5	35	20	25	25	10	25	75	15	6	0	10	10	10	0	3	6	0	0	6	0.5	0.5
OXYCAM	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	2	5	2	20	25	5	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	2	0	0	0	0	0	0
VACVIT	0.5	2	0.5	0	0	3	6	3	2	0	0	2	2	0	0	0	0	0	0	8	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0.5	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	10	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	60	10	20	25	90	65	20	10	5	10	10	20	40	30	20	20	25	10	20	10	5	15	60	90	90
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	2

D-24. Continued...

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	10	1	0
EMPNIG	0	0	0	0	0	0	0	0	2	0.5	5	2	0	15	5	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	40	90	80	70	10	35	80	80	90	90	80	75	5	60	80	80	75	85	80	90	90	80	25	20	8
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SALSPP	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0.5	0	0	0	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0.5	1	0.5	2	0.5	5	3	0.5	0	0	0	0	2	0	3	0.5	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALA	0	10	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	5	0.5	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	25	15	0	0	0	0	0	0	0	0	0	15	0	0	0	4	0	0	4	6	2	2	4	35	45
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	75	15	85	95	100	95	100	100	75	2	10	6	45	75	5	55	30	30	10	8	8	25	30	10	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	15	30	6	0	0	0	8	5	15	25	5	25	25	30	1	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	5	80	65	25	20	20	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0.5	0.5	2	1	1	1	0.5	0.5	0.5	0.5	2	0.5	0.5	1	1	0.5
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	8	25	3	2	0.5	2	0.5	0.5	0.5	5	0.5	0.5	5	0.5	10	12	10	10	2	10	25	5	55	25	25
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
VACVIT	0	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	5	1	1	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	10	0	0	25	30	0.5	75	35	25	25	0	0	0	0	8	0	0	0	0	0	0	0	20	6
ARCUVA	0	2	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6	15	45	2	1	0
BARGRO	0	25	75	25	25	8	8	0	25	65	75	100	100	95	95	99	99	95	98	35	35	35	95	95	99
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	4	0	0	0.5	4	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0.5	0	0	0
DRYINT	55	6	3	25	0	20	25	20	10	0	0	0	0.5	15	8	0	0	0	0	2	25	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	4	0.5	0.5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	15	0.5	2	0	10	3	2	3	0.5	0.5	0.5	0	0	3	4	0.5	1	0.5	0.5	15	0.5	15	0.5	0.5	0
OXYCAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-25. Relative abundance of species present at NWT02 -Site 25

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A0	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALA	0	0	0	0	0	0	0	0	6	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	10	80	80	55	8	20	50	97	100	96	95	100	100	100	100	100	94	40	10	10	6	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	6	25	0
DRYINT	0	0	0	0	0	0	0	45	10	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	60	95	100	75	0	0	25	45	85	20	0	0	0	0	0	0	0	0	0	0	35	40	85	90	100
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	40	5	0	1	12	10	5	0	0	0	0	1	4	7	0	0	0	0	0	6	0	12	0.5	0	0.5

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALA	0	0	0	0	0	0	0	0	0	2	3	0	0	85	0	0	0	0	0	0	0	6	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	4	0	0	10	80	85	2	0	0	10	60	95	80	100	100
BETNAN	0	0	0	2	25	30	15	20	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	98	95	98	95	99	100	90	65	97	98	0	20	15	98	100	100	90	40	1	20	0	0
SALSPP	0	0	0	0	0	0	0	0	0	8	10	3	8	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0.5	1	0	0	0	0	0	0	0	0	0	0	0.5	6	0.5	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	100	100	100	100	100	95	30	0	0	0	0	0	0	0	3	25	10	15	30	0	0	0.5
BETNAN	0	0	0	0	0	0	0	0	6	10	12	8	3	2	65	30	15	12	10	8	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	0	0	0	0	0	0	0	0	75	100	100	95	98	90	85	75	80	65	90	65	55	90	100	98
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	30	6	0	0	0	0	10	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	6	8	4	0	6	1	2	4	25	20	0	0	5

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	4	0	0	0
ARCRUB	0	30	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	40	8	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	5	85	100	100	100	100	100	99	0	0	0	0	5	5	0	0	0	0	0	18	0	0	1	80
BETNAN	0	0	0	0	0	0	0	0	0	20	70	0	0	0	0	0	0	0	3	40	80	75	25	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	20	30	35	25	3	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0
CRYPTS	95	90	6	0	0	0	0	0	0	0	0	0	35	30	90	98	98	99	95	35	0	30	95	95	10
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	6	0.5	0.5	0	0	0	0	0	0.5	25	0	5	8	4	10	2	4	0.5	6	25	0	0	0	5	5

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALA	0	0	0	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	6	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	40	0	0	80	98	100	95	100	100	100	100	90	100	100	100	100	98	12	8	30	10	5	0	65	100
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	12	15	8	20	20	30
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	60	100	100	25	5	0	0	0	0	0	0	10	0	0	0	0	0	85	80	65	80	90	85	35	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	5	0	0	0	0	0
VACVIT	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0.5	1	0	0	0	0

D-25. Continued

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALA	0	0	0	0	0	0	4	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCUVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	100	100	100	98	98	96	80	100	100	98	100	100	55	0	0	0	0	30	100	100	100	96
BETNAN	40	10	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	10	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	0	0	0	0	0	0	0	0	25	0	2	0	0	0	15	40	65	75	95	60	0	0	0	4
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	20	40	35	20	6	7	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0.5	0	0	2	0	0	0	3

D-26. Relative abundance of species present at NWT03 - Site 26

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTMON	5	50	25	5	25	20	5	3	0.5	4	0	0	5	15	8	0	0	10	10	35	10	0	0	3	3
BARGRO	80	30	70	20	15	60	60	10	20	10	0	15	20	60	80	25	10	30	15	20	20	30	85	70	50
BETNAN	0	0	0	0	0	15	10	0	0	0	8	30	0	0	0	0	0	0	0	30	30	0	30	0	0
CARSPP	0.5	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	5	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	14	10	10	0	16	20	0	0	0	0	0	5	0	4	0	0	0	0
GRASPP	0	10	3	0.5	10	4	10	10	12	12	40	5	15	30	12	4	0	5	0.5	0	30	45	0.5	0	0.5
CRYPTS	20	10	20	80	60	10	30	50	50	40	15	40	65	20	10	65	90	60	80	30	40	20	15	30	40
SALSPP	0	0	0	0.5	0	0	0	4	0	0	20	0	0.5	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	2	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTMON	30	0	40	30	5	50	1	0	0	0	0	0	15	25	5	8	20	4	2	0	1	3	10	0	15
BARGRO	30	10	0	30	60	5	35	70	50	30	20	0	20	20	0	15	0	20	50	20	50	30	20	10	50
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	20	0	0	30	50	35	30
CARSPP	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	2	0.5	0.5	2	1	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0	3	2
CRYPTS	40	90	70	50	30	40	65	30	50	70	75	98	60	50	98	70	90	78	30	80	50	30	40	40	20
SALSPP	0	0	20	0	2	3	0.5	0	0	0	5	15	5	0	0	0	0	0	0	0	0	25	60	10	20
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	10	2	0	0	0	0	0	2	5	0	0	0	0	0	0	10	0.5	0	4	30	40	50
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTMON	4	0	0	0	1	0	0	0	12	0	2	1	0.5	0	0	0.5	0	0.5	0	0	0	0	0	2	0
BARGRO	60	95	98	95	99	100	95	98	85	100	65	70	95	100	98	30	70	75	88	100	95	98	94	98	100
BETNAN	0	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	0
GRASPP	0	1	0	0.5	3	0	0.5	0.5	3	0	0.5	1	1	0.5	1	2	3	0.5	0	0	0.5	0	0	0	0
CRYPTS	3	2	4	2	2	21	0.5	4	3	0	30	25	4	0.5	2	25	20	25	12	0.5	4	2	6	0.5	0.5
SALSPP	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1	0	0.5	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	8	20	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTMON	0	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	3	30	0	0	0	0.5	35	15	0	0
BARGRO	100	90	90	100	65	35	50	90	98	90	35	0	0	0	15	80	65	75	99	90	97	30	80	100	100
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	6	25	20	2	0	8	75	30	0.5	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
GRASPP	0.5	1	0.5	0	1	0.5	0	0.5	0	0.5	1	1	0.5	0.5	0.5	1	0.5	2	3	0	0	2	0.5	0	0
CRYPTS	0.5	8	10	0.5	20	0.5	0.5	3	2	8	6	0.5	0.5	1	6	5	4	15	0.5	10	3	12	5	0.5	0.5
SALSPP	0	0	0	0	0	0	0	0	0	0	0	20	95	40	55	12	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	2	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0.5	2	60	45	5	0.5	0.5	40	75	55	35	3	3	0	0	0	0	0	0	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-26. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0.5	0	0
CRYPTS	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	100	100	100	100	100	100	100	100	100	100	100	100	98	90	90	90	80	92	100	99	95	75	65	0.5	0.5
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	8	5	30	15	25	0	0.5	0	0	0.5	25	75
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	3	8	2	0	0	0	0	0.5	2	0.5	0	0	0
CRYPTS	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	1	0.5	0.5	20	3	0.5	2	6	20	35	30	45
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0
SPIBET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0

D-27. Relative abundance of species present at NWT04 -Site 27

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	85	50	95	65	15	90	80	45	12	30	55	60	8	4	6	12	0.5	0.5	6	0.5	2	20	80	15	6
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5	0.5	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	3	8	0	0	0	0	8	15	0	0	0	0	0	2	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0.5	2	0	0.5	1	0	0	0	0	0	0	0	0	0	0
GRASPP	18	25	3	30	45	10	12	18	5	25	6	30	8	4	2	8	35	60	15	25	18	4	0.5	0.5	30
CRYPTS	0.5	0.5	2	0.5	0.5	4	2	2	6	2	8	0.5	0.5	35	30	0.5	0.5	0.5	12	0.5	45	55	12	75	6
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	4	0	0	0	0	0	0	5	2	3	0	1	0.5	0.5	0.5	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	0	0	0	5	0	0	0	0.5	45	3	0	0	0.5	0	0	0	0	0	0	0	2
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	15	3	2	55	20	6	2	0	0.5	0	0	8	0	0	0	0	0	0	0	0	0	0
BARGRO	8	12	0	0	0.5	4	0.5	30	0.5	0.5	0.5	4	0.5	4	0.5	0.5	0	0	0	0.5	15	12	30	80	25
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	10	2	2	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	25	15	75	45	15	8	3	25	35	20	75	55	45	15	12	10	6	0.5	6	4	0.5	2	6	0.5	0.5
CRYPTS	3	2	0	1	6	2	3	0.5	0.5	0	0.5	5	12	30	2	3	0.5	0.5	0.5	5	20	15	8	20	45
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	3	8	0.5	0	3	6	0	0	0	0	2	30	0.5	2	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	2	8	0	0	0	0	0	0	0	0	3	8	0.5	4	15	25	25	6	30	25	8	6	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0.5	0.5	0.5	0.5	6	35	100	100	60	90	90	12	15	6	55	100	55	6	15	65	70	15	0.5	8	30
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	2	40	12	0	0	0	12	0.5	0	0	0	0	2	0	15	0	0	0	0	0	0	0	0.5
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0
GRASPP	70	65	6	35	30	15	0.5	0.5	15	0.5	4	6	3	5	4	0.5	2	35	30	0.5	2	6	8	0.5	2
CRYPTS	2	4	60	0.5	15	8	0	0	2	0.5	2	8	12	30	6	0.5	3	8	2	5	4	2	30	35	8
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0.5	4	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.5	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0.5	35	40	6	0	0	0	0.5	0	0	0	20	6	0.5	0	25	12	0.5
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0.5	0.5	0.5	0	0	0.5	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	60	10	0.5	15	0.5	5	0.5	0.5	4	75	80	85	6	75	10	12	65	60	75	96	97	95	65	95	94
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	4	6	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	2	4	6	3	4	5	0.5	2	1	0	0.5	6	8	2	0.5	0.5	0.5	0	1	0	0.5	0.5	4	2	1
CRYPTS	10	25	65	25	70	75	85	85	55	25	20	4	20	15	80	55	35	40	20	4	3	5	4	3	6
PYRASA	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-27. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	85	30	45	50	30	8	12	60	75	8	75	30	20	80	70	70	20	30	50	30	75	75	70	30	50
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	6	1	0	0	2	0	0	0	0	0	0	6	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0.5	0	20	5	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
GRASPP	2	4	2	2	3	5	6	1	0.5	3	0.3	2	12	2	3	7	15	30	1	15	10	0.5	6	40	10
CRYPTS	15	25	30	45	30	45	20	25	10	12	15	65	60	20	30	15	30	30	20	40	10	10	10	15	10
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	3	0.5	0	1	0	0.5	0	3	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	0	0	7	0	11	0	5	0	0	0
SIBPRO	0	0	2	0	6	25	20	0	25	10	0	0	20	0	0	0	50	10	5	0.5	0	2	0	0	3
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANEMUL	0	0	0	0	2	0.5	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ANTALP	0	0	0	0	0	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	45	0	10	10	10	5	40	25	40	80	100	70	70	10	20	75	80	60	20	30	35	30	30	70	80
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	10	20	5	0	0	0	0	0
GRASPP	30	35	15	5	7	10	15	20	30	15	0.5	8	5	30	30	12	8	7	30	6	10	15	20	5	5
CRYPTS	5	10	70	80	65	60	30	30	30	3	0	15	10	5	15	10	10	20	15	30	30	35	5	10	5
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0
SALSPP	0	5	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	30	3	5	30	20	5	0.5	3	0	0	0	10	70	40	0.5	0	15	20	15	15	3	1	5	5
TAROFF	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-28. Relative abundance of species present at NWT05 - Site 28

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	5
BARGRO	0	10	0	0	0	0	0	5	0	0	5	4	20	0	10	0	0	0	0	30	30	3	0	30	5
BETNAN	60	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	50	12	3	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
LYCSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	30	65	95	100	100	100	100	95	100	100	95	96	80	100	70	100	95	75	80	70	70	97	100	70	90
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	25	0	10	0	0	0	0	3	0	5	8	18	15	20	20	12	15	5	5	10	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALP	0	0	0	0	0	0	0	0	20	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0.5	0	0	0
BARGRO	3	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	20	5	0	5	0
BETNAN	35	85	85	30	30	1	0	0	0	0	0	0	0	0.5	0	0	0	30	0	0	0	0	3	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	100	0.5	0.5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	5	0
LYCSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	97	100	75	75	96	90	100	100	60	30	60	100	100	100	100	95	95	85	95	90	70	80	95	80	85
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	5	0	0	0	0	0	0	0	0	0	20	15	0	0	0.5	20	0	0	0	0	0	0	0	0	30
SENTRI	0	0	0	0	0	20	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	0	0	0	0	0	5	0	0	0	3	0	2	40	30	30	20	15	20	20	1	10	20

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	2	0	0	1	0	35	15	0	0	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	3	0	0	0	3	3	0.5	0	0	3	0.5	0.5	0	0	0	0	2	1	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0.5	0.5	0.5	0.5	2	0	0	0.5	0	2	3	4	0	0	4	0.5	0.5	2	0.5	0.5	2
LYCSPP	0	0	0	0	0	0	0	0	0.5	2	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	100	100	100	90	95	85	90	100	80	85	100	100	100	100	100	100	45	50	100	100	100	100
RUBARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	20	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	15	20	30	15	6	8	6	12	30	25	15	45	55	25	30	25	5	3	8	65	45	12	4	20	3

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	35
CARSPP	0	0.5	0.5	6	0.5	3	5	4	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0.5	6	0.5
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.5	0	0
GRASPP	2	0.5	0.5	0	0	0	0.5	2	0.5	0.5	2	0.5	0.5	0	0	0.5	2	0.5	2	0.5	0.5	1	0	0	0
LYCSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
RUBARC	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	3	1	0	0	0	0	3	10	12	15	0	3	0.5	6	12	20	3	2	3	25	20	8	6	8	4

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	12	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	2	0	0	20
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-28. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
GRASPP	3	8	55	20	8	5	8	20	3	0.5	0.5	8	6	15	6	0.5	0.5	0	0.5	35	0.5	0	0.5	0.5	0.5
LYCSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
RUBARC	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	3	0	0.5	4
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	0	0	0	6	0.5	0	0	8	15	6	8	0	4	3	4	20	25	0.5	0	0	0	0	0	0	5

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	3	0	0	2	0.5	3	0	0	0	0	0	0	0	0	6	4	0	0	0	0	0	8	0	0	0
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0.5	0	0	3	2	3	0.5	3	2	0	0	3	0.5	0	2	0	0	0	0	0	3	6	8	12	8
CASTET	0	0	0	0	0	0	0	0.5	35	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0.5	0	0	0	2	0.5	0	0	0.5	0.5	25	2	4	0.5	2	0.5	1	0.5	0.5	0.5	0	0	0
LYCSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	100	100	100	100	100	50	25	75	85	50	99	95	100	100	100	100	100	100	95	99	100	100
RUBARC	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SALSPP	15	0.5	0	0	0	0	0	0	25	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIBPRO	20	0	4	3	6	2	4	2	0	3	6	20	0.5	2	6	2	3	12	0.5	0	0	6	12	4	12

D-29. Relative abundance of species present at NWT06 - Site 29

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANEPAR	0	0	0	0	2	0	0	0	4	0	0	0	12	8	0	0	0	20	2	6	8	0	3	0.5	6
ANTMON	4	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0
BARGRO	40	2	2	30	7	5	0	20	25	10	20	25	10	10	15	0	12	2	4	0.5	0	0	0	0	0
CARSPP	3	0.5	0	0.5	0.5	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	2	0.5	1	2	3	1
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCANN	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	55	90	95	70	90	95	100	80	75	90	80	75	60	90	65	8	30	6	8	10	30	70	15	8	45
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANEPAR	0.5	3	3	0	0	8	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	25
BARGRO	1	15	25	8	6	55	60	30	90	97	100	100	100	97	96	90	90	8	10	5	65	98	97	98	0.5
CARSPP	3	2	0.5	0.5	2	0.5	4	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	35	30	12	2	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCANN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	20	30	35	60	90	25	30	65	10	3	0.5	0.5	0.5	3	3	0.5	5	85	90	95	25	2	3	2	35
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	35	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	10	35	90	40	25	25	45	15	5	5	25	0.5	6	0	0	0	0	0	0	0	0.5	0.5	0	0	0
CARSPP	0.5	0.5	0.5	0.5	2	8	3	0	0	0.5	1	0.5	0.5	20	35	0.5	2	0.5	0.5	0	0	2	5	8	0.5
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCANN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	25	80	65	10	60	70	60	55	85	95	95	75	15	20	4	15	60	45	25	75	60	75	80	6	35
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	0	20	85	70	15	30	10	45	12	12	0	0	0	0	0	0	5	15	5	15	0.5	70	10	15	5
CARSPP	0.5	0	0	0	0.5	0.5	2	1	8	2	3	3	0.5	1	0	0	0.5	4	3	8	4	0	0	0.5	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCANN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	20	35	15	30	45	55	30	50	65	80	95	100	100	100	100	100	95	60	85	75	80	30	90	85	95
SALSPP	0	0	0	0	0	0	0	2	5	3	8	4	6	0	4	12	10	25	4	0	0	0	0	0	2

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	15	65	12	30	0.5	0	0.5	12	6	0	0	0	0	0.5	0	0	0	2	4	0	0.5	0	0.5	5	0.5
CARSPP	0	0.5	30	2	4	0.5	0.5	4	6	8	2	2	1	3	2	4	0.5	3	2	3	2	3	4	0.5	1
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCANN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	85	35	30	45	25	80	65	25	70	80	75	25	10	45	55	100	95	80	45	65	70	50	65	25	8
SALSPP	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	12	0.5	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0
BARGRO	0.5	0.5	0	10	0.5	0.5	0	0	0.5	20	0	0	0.5	2	20	35	6	30	30	40	0.5	20	8	0.5	5
CARSPP	0.5	0.5	0.5	0	0	4	2	1	0.5	0.5	0.5	3	2	0	0	0.5	0.5	0	0	0	1	0.5	2	1	0.5
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	45	10	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYCANN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	65	70	95	90	80	95	99	75	60	30	25	55	30	25	15	20	30	25	65	30	65	80	90	95	95
SALSPP	0	0	0	0	0.5	0	0	0	0	0	3	0	4	12	8	0	6	3	0	0	0	0	0	0	0

D-30. Relative abundance of species present at ALA01 - Site 30

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	70	70	85	30	35	35	70	50	10	20	25	15	20	25	12	15	0	8	0	4	0	0	5	0	0
CRYPTS	20	30	15	30	45	30	25	50	90	80	75	85	70	50	15	12	5	15	40	35	15	20	35	80	50
DRYINT	15	1	0	0	0	0	0	0	0	0	0	0	10	3	7	35	0	7	0	20	35	40	20	8	35
ANTFRI	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
MINRUB	0	0	0	0	0	3	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	12	30	30	80	30	20	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	7	4	3	5	23	20	5	10	25	10	15	20	15	20	10	10	70	35	7	15	25	10	5	7	30
CRYPTS	50	20	90	60	77	70	80	85	75	70	35	40	85	80	85	90	30	40	30	75	70	90	12	30	30
DRYINT	30	55	10	0	0	0	0	0	0	1	30	15	2	0	0	0	0	10	40	15	0	0	50	35	5
ANTFRI	0	0	0	25	0	5	5	0	0	7	5	20	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	1	0	0	0	0	1	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	1	1	0	0	1	1	0	2	1	1	1	1	1	0	0	0	0	0	1	1	0	0	1
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	35	5	45	55	30	20	6	10	0	5	15	10	15	15	10	1	0	0	10	10	45	25	5	45	65
CRYPTS	65	95	55	45	60	12	8	30	4	6	25	90	85	80	90	95	90	85	80	75	50	75	70	12	30
DRYINT	0	0	0	0	0	4	0	3	8	20	1	0	0	0	0	0	2	12	10	12	0	0	8	15	5
ANTFRI	0	0	0	0	0	0	12	1	0	10	12	0	0	6	0	4	8	0	0	0	2	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
SALSPP	0	0	6	1	5	25	50	20	75	25	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	2	1	0	1	3	1	1	2	1	1	0	0	0	0	1	0	0	0	0	0	0	1	3	1	0
GENGLA	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	20	1	10	5	30	25	60	75	55	15	75	50	55	60	12	10	5	1	5	15	5	2	5	2	35
CRYPTS	65	70	85	90	70	30	10	25	45	30	1	1	1	1	35	90	95	95	95	80	95	98	90	98	65
DRYINT	25	2	1	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	2	1	25	30	0	0	12	3	45	25	40	30	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
GRASPP	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1
GENGLA	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	45	30	35	25	20	45	60	50	15	10	20	25	10	1	12	5	8	20	30	10	15	4	40	20	1
CRYPTS	55	70	65	75	60	55	40	50	70	65	60	75	90	90	85	95	75	45	65	90	85	95	60	80	99
DRYINT	0	0	0	0	0	0	0	0	0	1	12	0	0	6	3	0	20	30	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MINRUB	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-30. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
SALSPP	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	2	0	0	0	0	5	3	0	0	1	0	0	1	0	0	0	0	1	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	20	15	5	6	8	75	25	20	40	15	23	18	5	10	65	35	20	0	0	0	4	18	1	5	0
CRYPTS	80	85	35	10	10	12	68	80	60	85	75	78	95	90	33	50	45	13	60	80	65	80	99	95	99
DRYINT	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	2	0	0	0	0	2	1	0	0	0	1	1	1	0	0	1	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	4	14	17	13	4	0	0	0	3	3	0	0	1	9	20	48	8	15	23	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0

D-31. Relative abundance of species present at ALA02 - Site 31

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	0	0	5	50	50	25	0	10	5	20	5	10	13	0	0	0	0	20	20	40	30	0	0	0	0
CRYPTS	15	20	20	30	9	45	40	30	70	45	80	80	70	30	30	0	0	50	40	40	30	20	20	0	0
CASTET	70	50	20	5	3	20	10	20	15	0	0	20	0	30	60	30	0	0	0	0	0	0	0	15	20
DIALAP	40	15	5	7	10	0	3	30	20	0	0	0	0	0	0	30	70	30	20	0	0	0	0	0	0
DRYINT	20	0	0	3	2	7	20	30	7	20	0	10	0	0	10	8	10	5	0.5	0	40	20	0	20	20
GRASPP	4	2	0	0	0.5	0	0	0	1	0.5	0.5	0	0	0.5	8	17	5	2	0.5	0.5	0.5	5	0	20	20
ANTMON	8	5	2	2	6	0	2	11	3	10	15	15	13	22	20	2	0	0	6	10	0	0	0	0	0
ANEMUL	1	1	0	0	0	0	0	0	0	6	1	0	20	8	0	20	15	0	0	0.5	20	20	5	0	0
CAMLAS	0	0	0	0	3	0	0	0	0	0	0	0	0	0.5	0	0	0	1	0	1	2	0	0	0	0
CARSPP	0	0	0	0	0	0	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	1	0	18	7	0.5	0	0.5	0.5	3	1	6	8	2	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	2	0	3	5	0	0
LINBOR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	2	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	20
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	35	40	25	80	65	0.5	20	20	5	80
CRYPTS	0	0	0	0.5	2	12	35	55	20	85	12	2	0.5	0.5	2	0.5	4	0.5	2	0.5	0.5	0.5	6	4	0.5
CASTET	25	6	0	0	0	0	0	0	0	0	0	30	12	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	8	12	0.5	3	0	6	5	3	6	0	15	6	3	0	8	12	15	35	12	30	35	25	15	25	20
GRASPP	12	10	6	3	0	0	0.5	1	3	2	0.5	0.5	0.5	35	6	0.5	0.5	0.5	0.5	2	0	0.5	2	0.5	2
ANTMON	0	0	0	0	0	1	0	0	0	0	0	0	0	0.5	15	0	0	0	6	0.5	0	8	2	8	0
ANEMUL	0	1	0.5	12	6	10	2	6	10	0	0	0	3	6	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	1	0	0	0	5	2	0.5	3	0	0.5	4	0	0	0	0	0.5	0	0	0	0
VACVIT	0	0	1	4	0	3	2	8	4	0	0	0	2	0	0	0	0	0	0	0	0	2	4	4	0
POLBIS	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINBOR	0	0	0	0	0	0	0	0	2	0	0	5	2	4	0	0	0	0	3	12	20	0	6	2	0
ANEPAR	0	0	0	0	0	0	0	0	0	4	8	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	8	12	6	10	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	0	8	7	55	60	60	70	30	30	20	90	50	70	40	0	0	0	0	20	8	10	0	0	0	7
CRYPTS	65	45	60	30	10	30	10	30	30	60	3	30	20	20	0	0	0	0	15	0	0	0	0	0	20
CASTET	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5	0	3	0	20	0
DIALAP	0	6	20	10	20	2	1	1	0	0	0	0	0	0	7	10	30	5	5	4	0	0	0	0	0
DRYINT	7	6	4	0	0	0	0	20	30	20	0	0	0	20	20	10	10	1	0	0	0	0	0	20	5
GRASPP	4	0.5	0	0.5	0.5	2	1	0	0	1	1	2	1	3	3	5	0	2	8	25	6	4	0	5	8
ANTMON	0	0.5	0	8	2	0	3	0	20	3	7	2	8	8	3	1	7	10	20	6	0	0	0	0	0
ANEMUL	0	0	2	8	0	0	0	0	0	0	0	0	0	5	1	0	0	0	5	1	0	0	8	0	0
CAMLAS	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	10	0	0	0	0	5	0	0	0
CARSPP	0	2	0	0	0	2	7	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	5	1	0	0.5	5	2	0	0	0	2
POLBIS	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	2	0	0	0
LINBOR	0	0	0	0	0	0	8	0.5	0	0	0.5	0	0	0	0	10	0	0	15	40	20	0	10	0	5
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0
SALSPP	0	0	0	0	0	0	0	0.5	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0.5	0	0	1	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	0	0	0	0	0	0	0	0	0.5	0	0	2	30	20	65	99	100	99	100	100	95	95	75	35	15
CRYPTS	3	0.5	0.5	4	75	35	8	4	10	8	2	0.5	0.5	0.5	2	0.5	0.5	0.5	0.5	0.5	0.5	5	8	6	2
CASTET	30	45	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	3	6	5	4	3	5	6	0	3	25	12	20	2	0	0	0	0	0	0	0	0	0	0	2	35
GRASPP	3	0.5	0.5	2	2	3	10	3	5	0.5	0.5	6	10	12	2	0.5	0	0	0.5	0.5	0	0.5	2	0.5	3
ANTMON	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	3	0
ANEMUL	0	0	0	0.5	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0.5	2	3	6	0	1	0	0	0	0.5	0.5	0	2	0	0	1	0	0	0	0	2	6	0	0.5	0

D-31. Continued...

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
VACVIT	0	0	0	0	2	0	2	3	6	20	20	3	2	0	0	0	0	0	0	0	0	1	4	8	0
POLBIS	0	0	2	0	2	2	5	4	10	0	0.5	0	0	0	1	0	0	0	0	0	0	0	0	0	0
LINBOR	15	25	12	2	0	0	0	0	0	0	0	5	4	10	8	0	0	1	0	0	0	0	2	0	0
ANEPAR	35	15	12	0	0	3	5	0	0	0	0	10	4	25	4	0	0	0	0	0.5	2	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0.5	0	0	8	6	0	0	0	0	0	0	0.5	2	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.5	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	10	20	12	6	0	8	0	0.5	0	0.5	0	0	0	20	55	20	55	8	10	0	0	0	0	10	8
CRYPTS	20	5	10	8	12	6	4	0.5	0.5	2	0	0	0.5	2	10	3	8	2	4	0.5	2	0.5	12	3	4
CASTET	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0.5	3	6	0	3	35	2	3	0	0	2	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	2	4	15	5	6	2	2	4	15	20	8	15	12	20	0.5	2	3	6	0	2	0	6	0
GRASPP	0	0.5	0	3	2	12	35	4	0.5	0.5	0.5	2	8	0	0	3	6	25	8	12	15	5	12	3	8
ANTMON	4	20	1	0	2	3	12	18	12	0	0	0	0	2	0	0	0	0	15	4	2	2	0	0	0.5
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	3	0	0	0
CAMLAS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	8	6	0.5	2	2	3	0	1	0.5	0.5	8	4	0.5	6	0	0.5	0	0.5	2	5	0.5	2	0	2	3
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	2	0	4	0	0	0	4	2	2	3	4
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINBOR	0	0	0.5	0	6	8	15	8	4	0	6	0.5	3	8	0	6	0	0	0.5	12	15	20	0	0	0
ANEPAR	0	0	0	0	0.5	2	0	6	6	5	4	5	6	0	8	8	0	12	0	0	5	15	12	0.5	0.5
SALSPP	0	0	6	25	12	8	5	2	12	3	3	2	8	0	0	0	2	4	12	2	8	1	1	0	0
EMPNIG	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	60	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	5	30	15	30	60	65	75	75	80	45	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	1	0	0	0	0	0	6	15	50	60	50	70	30	70	80	50	70	30
DIALAP	0	0	0	0	0	2	0	0	0	0	0	0	0	0	6	0	0	0	10	15	20	0	0	0	0
DRYINT	8	10	10	7	5	3	0	0	5	40	10	5	0	0	0	0	0	10	15	20	0	0	5	3	5
GRASPP	1	5	6	20	5	6	4	5	2	8	8	30	20	15	0	5	6	6	4	5	5	3	0	4	5
ANTMON	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	1	0	5	0	3	5	3	0	0	3	30	15	0	4	6	0	0	0	0	0	0	0	5	0	2
CAMLAS	0	3	5	0	2	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	1	0	2	0	0	0	3	0	0	2	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0
VACVIT	3	1	5	0	3	1	10	20	8	20	0	5	0	0	5	5	5	2	4	0	0	4	0	20	10
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINBOR	0	0	0	0.5	18	6	8	0	0	0	0	4	8	0	10	8	20	20	30	5	20	15	8	10	15
ANEPAR	0	0	5	7	16	22	3	15	0	0	0	0	20	0	0	0	20	0	0	0	0	0	0	0	0
SALSPP	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	10	30	2	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	3	0	0	0	9	0	5	0.5	5	0	0	0	0	0	0	0	0	0	0	0	0

D-32. Relative abundance of species present at ALA03 - Site 32

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
ARCRUB	4	4	0	8	15	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	75	30	35	45	30	40	55	55	70	12	15	25	15	90	75	70	5	2	90	90	100	100	85	60	80
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	5	0.5	2	0	3	6	3	0	4	0	4	2	1	0	2	12	6	0	0.5	0	0	0	3	5	0
ANENAR	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0.5	0.5	0.5	1	0	0.5	0	0	0	0.5	0.5	0.5	0.5	0	0	0	0	0.5	0	0	0	0	0.5	0.5	0
CRYPTS	6	35	60	25	15	35	50	8	10	5	0.5	2	5	0.5	0	0.5	2	3	0.5	0.5	0.5	0	0.5	0.5	0
BARGRO	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	85	90	0	0	0	0	0.5	0.5	0
VACULI	0	5	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	1	0	2	0	0	0	0	2
VACVIT	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0.5	0	1	0.5	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0.5	6	0	0	0	3	5	3	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	1	0	0	0	0	15	12	0	0	0	0	0	0	0	0	0	2	0	0.5
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALA	0	0	0	0	0	0	8	30	12	0	25	30	0	20	5	0	0	0	0	0	0	0	10	3	25
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	65	45	0	4	25	65	10	35	20	6	15	8	10	15	65	80	85	85	12	15	0	0	0	25	12
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	2	1	0.5	0.5	0.5	6	8	5	8	6	35	25	2	3	25	15	0.5	4	35	5	6	55	0	6	2
ANENAR	0	0	0	0	0	0	0	0	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0.5	0.5	0	1	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0.5	2	0	0	0	0
CRYPTS	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0.5	0.5	0.5	0	0.5	0.5	1	0.5	2	0.5	8	0.5
BARGRO	5	8	0.5	55	60	20	35	5	45	88	30	25	85	35	10	8	4	0	25	80	90	30	90	55	50
VACULI	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	2	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALA	1	0	0	0	0	0	0	0	0	15	0	12	0	0	0	0	0	0	0.5	6	0	0.5	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	5	80	90	35	100	95	65	4	12	35	80	45	0	0	0	0	0	0	0	0	0	2	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0.5	0	0	0	0	2	6	4	8	3	4	40	85	100	75	90	20	60	95	90	95	45	55
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0.5	0.5	0.5	2	0	3	0.5	0	5	15	4	0.5	5	6	0.5	0.5	0.5	5	5	8	6	2	2	0.5
CRYPTS	0.5	0	0	0.5	0	0.5	2	5	0.5	0.5	0.5	0.5	0	0.5	0.5	0	0	0	2	0	0	1	0.5	5	8
BARGRO	90	0	0	8	0	0	25	80	35	0	0	30	95	20	5	0	15	10	20	15	0	0	3	30	30
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
DIALAP	0	0	0	25	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0.5	0.5
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALA	12	0	0	0	15	0	0	1	20	20	0	5	2	0	0	0	0	0	20	0	20	15	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	5	0	0	0	0	0	20	30	20	15	17	45	70	20	0	15	25	30	30	20	80	80	80	35	10
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	30	60	50	60	60	50	15	0.5	2	2	20	5	5	15	25	15	20	15	5	0.5	1	4	7	20	5
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	10	0	5	5	20	5	2	4	2	0	0	2	2	3	0	2	0.5	0.5	0	0.5	0	0	0	0	0
CRYPTS	0	2	0	0	0	0	0	5	0	2	0	0	0	0	0	0	5	0	0	20	0	0	0	0	0
BARGRO	20	20	10	0	0	0	30	3	45	65	20	15	3	5	25	15	0	10	40	25	2	0	0	0	60
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	6	0.5	2	0	0	0	0	0	0	0	0	0	0	0.5	0.5	5	0	0	10	15	5

D-32. Continued...

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASHYP	0	5	20	0	0	0	5	0	8	10	3	0	8	0	0	0	4	6	0	5	3	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALA	3	0	1	3	2	0	2	0	0	0	6	0	4	4	3	6	0	0	0	5	0	0	0	0	3
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	7	5	0	0	35	50	20	0.5	5	15	0	90	15	0	2	40	15	70	6	0	0	0	10	5	3
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	5	10	5	15	5	5	0	0	10	20	7	3	2	10	15	8	12	5	2	15	20	15	20	30	5
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	1	2	0.5	0	0	0	3	0	0	0	2	1	0.5	0	0	0.5	0.5	0.5	0	0
CRYPTS	0	0	0	0	2	30	1	0.5	0	2	0	0	3	2	0	0	0	0	1	1	0	0	0	0	2
BARGRO	80	40	80	70	15	5	30	100	80	40	40	4	85	85	90	0	10	10	78	60	5	35	0	75	95
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	25	10	5	5	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASHYP	2	0	0	0	8	0	3	0	0	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALA	0	0	0	0	8	15	6	0	0	0	20	10	0	0	0	0	0	23	1	5	0	8	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	20	60	30	85	50	3	8	30	20	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	3	70	3	0	1	45	1
CARSPP	15	15	45	15	0	0	0	0.5	2	0	0	0	2	10	20	5	0	10	10	8	70	70	30	15	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	5	5	2	0.5	0	0	0	0	0	0
BARGRO	60	10	0	0	45	80	85	40	80	100	30	85	95	95	85	90	95	95	75	10	30	30	10	40	100
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	6	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASHYP	0	0	0	0	0	0.5	0	15	5	5	20	5	6	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0.5	3	0	0

D-33. Relative abundance of species present at ALA04 - Site 33

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALA	2	15	2	0	0	0	0	3	0	2	0	1	0	0	12	6	0	0	1	2	5	0	0	0	1
DRYINT	65	10	4	20	35	55	50	20	75	45	55	3	0	0	0	40	25	20	0	6	5	2	5	0.5	2
CARSPP	0	0	3	3	4	2	3	0.5	4	0	0	0.5	2	8	2	6	8	0	6	35	6	1	8	8	2
CRYPTS	0.5	2	1	0.5	2	0.5	0.5	2	0.5	4	10	2	0.5	0.5	3	0.5	0.5	0.5	0.5	2	0.5	0.5	0.5	4	20
BARGRO	12	70	45	55	25	40	5	45	0	0	0.5	95	98	90	85	10	35	80	90	15	85	98	85	85	35
GRASPP	0	0.5	2	0	1	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0.5	1
SALSPP	0	0	0	0	5	0	0	0	0	0	0	1	0	0	0	0	0	0	3	1	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALA	2	0	1	0	3	0	2	25	0	0	0	0	0	2	0	5	0	0	0	0	0	0	12	0	3
DRYINT	8	5	0	6	12	55	8	1	0	0	15	25	6	10	8	10	1	15	30	65	50	15	0	40	60
CARSPP	10	0	2	3	1	0	0	3	0	2	0.5	2	1	4	0	0.5	0	4	20	1	1	1	0	0	0
CRYPTS	3	0.5	2	0.5	10	0.5	3	2	25	30	12	6	0.5	0.5	0.5	0.5	0.5	2	0	0.5	2	0.5	6	5	0.5
BARGRO	20	95	98	90	75	12	90	70	30	65	75	8	90	15	90	80	100	65	5	3	5	80	80	55	5
GRASPP	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0.5	0.5	0.5	0.5	0.5	0	0.5	0.5	1	0	0	0
SALSPP	0	0	0	0	0	0	0	0	10	6	0	0	0	2	0	0	0.5	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALA	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0	12	0	0	4	0	0	0	0	20	0.5
DRYINT	45	30	80	95	75	80	55	25	4	3	2	65	60	3	0	0	6	8	60	30	0	0	0	0	0
CARSPP	0	0	0	0	20	6	0	1	0	2	5	0	0	6	0.5	0	2	0	0	3	4	3	8	15	2
CRYPTS	5	12	0.5	0.5	3	0.5	2	0.5	0.5	0.5	0.5	0.5	3	4	8	0.5	3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
BARGRO	15	4	0.5	0	1	0	15	65	95	95	45	20	0.5	90	92	75	90	90	10	50	95	97	90	35	98
GRASPP	0	0	0	0.5	0	0	0.5	0	0	0	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALA	0	0	0	6	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	0	0	7	0	0	0
DRYINT	0	0	0	0	0	30	80	75	80	75	65	0	0	8	50	80	60	30	40	30	20	12	10	20	10
CARSPP	10	10	6	5	121	6	3	4	1	5	8	3	4	5	0	0	0	0	0	0	0	0	0	0	4
CRYPTS	2	1	2	6	2	1	0	0	0	0	0	0	5	5	2	0	4	3	1	0	0	0	0	0	0
BARGRO	75	80	95	60	70	40	0	0	0	0	14	55	60	60	5	0	10	15	5	25	60	70	40	50	80
GRASPP	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.5	0.5	2	5	6	2	3	0	0	0.5	0
SALSPP	10	2	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0
DIALAP	0	3	0	0	0	0	0	0	0	0	0	6	15	0	0	0	0	0	0	0	0	0.5	0	0	0
LOIPRO	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALA	0	0	0	0	0	0	6	15	3	2	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0
DRYINT	60	30	75	60	7	0	0	0	0	0	0.5	30	5	0	0	5	20	5	0	30	65	70	60	60	30
CARSPP	4	6	1	0	3	0	2	2	2	2	0	0	2	6	1	3	2	0	0	0	0	0	0	0	4
CRYPTS	3	0.5	1	5	0.5	0.5	0	0	0	0	2	0	2	2	1	1	0.5	6	1	0	0	0	0	0	0
BARGRO	20	30	5	5	65	50	45	45	10	15	60	30	85	80	40	30	60	80	80	40	10	10	10	20	10
GRASPP	0	0	0.5	0	0	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	5	20	25	25	15	30	15	5	0	10	20	12	3	0	0	0	0	0	0	2	5
DIALAP	0	0	0	6	0	0	0	10	70	60	5	0	0	0	20	0	0	0	0	0	0	0	0	0	5
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	5	0.5	0	0	4	0	0

D-33. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALA	0	0	0	0	0	2	0	0	5	0	2	3	0	0	4	0	20	6	0	0	0	2	0	5	0
DRYINT	8	20	6	20	8	0	0	0	0	0	3	20	0	0	0	0	0	0	0	0	3	0	0.5	25	30
CARSPP	0	0	1	0	0	0	0	1	2	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	2	0.5	1	0.5	0.5	1	2	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	8	0.5	0.5	0.5	3	2	2
BARGRO	90	70	85	65	85	90	95	15	55	98	95	75	98	95	95	100	80	95	92	100	95	98	95	55	35
GRASPP	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	2	0	0	0	0	0	1	0	0	2	4	0	0	0	0	0	0	0.5	2	1	0	0
DIALAP	0	0	0	0	3	6	3	85	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-34. Relative abundance of species present at ALA05 - Site 34

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	90	98	85	30	10	5	30	5	5	30	40	30	10	30	95	85	80	70	45	65	45	65	80	80	80
CRYPTS	2	2	10	12	0	10	20	15	5	30	10	30	20	20	5	0	5	5	20	20	15	20	5	2	5
GRASPP	0	0	0	0.5	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	1	0
DRYINT	0	0	0	15	35	8	0	1	2	5	8	10	15	0	0	0	0	0	5	0	0	0	0	20	30
CARSPP	2	0	0	0	0	0	0.5	0	10	1	6	7	2	0	0	7	0	0	2	3	5	7	0	0	0
SALSPP	10	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	15	20	2	0.5	2	0	0	3	0
OXYNIG	0	0	5	12	0	0	0	0.5	0	0	0	0	0	0	0	2	2	0	0	0	30	0	0	0	0
DIALAP	0	3	0	4	5	75	28	35	35	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0
ANTALA	0	0	0	5	0	2	5	0	10	5	2	0	0.5	12	0	0	0	0.5	15	0	0	0	5	1	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	2	2	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0.5	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	80	85	95	90	100	95	80	20	75	30	40	65	70	70	90	65	20	85	25	0	3	40	40	30	70
CRYPTS	7	5	2	0	0	3	0	4	0	0	10	5	2	2	0	10	30	5	40	35	30	30	40	5	10
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	2	0.5	0	0	0	0.5
DRYINT	10	2	0	0	0	0	15	30	25	30	20	20	15	0	0	0	0	5	0.5	10	40	5	0	0.5	0
CARSPP	0	2	0	0	2	0	0	6	1	1	2	0	0	1	0	5	5	0	2	3	0	0	3	0	8
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	6	10	8	14	0	10	6	0	2	1	1	0	0	0	5	3	8	3	2	12	2	6	1	25	10
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0.5	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	8	0	0	2	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	55	70	85	99	97	80	65	5	65	92	95	55	85	40	65	60	80	85	75	5	70	90	80	85	35
CRYPTS	3	8	5	1	2	15	30	90	15	2	3	6	2	55	30	2	4	15	2	6	8	0.5	6	12	6
GRASPP	0	1	0.5	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	5	0	0	0	0	0	8	5	2	6	15	12	0	1	3	0	3	0.5	0	0
CARSPP	12	4	0	0	0	0	0	0	2	0	0	0	0	0	0	1	5	0	0	0	0.5	4	2	0	0
SALSPP	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0.5	0.5	2
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	12	8	0	0	0	0	0	0	0	12	0.5	0	0	4
DIALAP	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	20	75	0	0	0	0	35
ANTALA	3	0	8	0	6	0	4	3	15	6	3	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	2	15
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	15	10	12	45	90	90	96	95	85	90	98	85	85	95	85	8	85	75	90	98	85	100	90	100	90
CRYPTS	0.5	2	0.5	0.5	2	3	4	2	0.5	8	2	2	2	4	6	2	0.5	2	4	2	1	0.5	2	0.5	1
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.5	0	0	0	0.5	0	0	0	0
DRYINT	8	20	12	15	0	0	0	0	0	0	0	12	10	2	10	25	25	12	6	0	0.5	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0.5	0	0	0	6	0	8
SALSPP	0	0	1	0	0	0	0	0	3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	1	8	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.5	12	0	0	0	0
DIALAP	75	4	0	5	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	12	0	8	4	0	0	0	0.5	0	2
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-34. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	90	75	75	70	90	90	90	75	80	90	98	95	95	75	55	12	65	95	98	50	0	20	35	85	90
CRYPTS	3	6	4	2	5	6	5	10	0.5	8	0.5	2	3	0.5	0.5	4	12	3	8	12	15	20	6	3	4
GRASPP	0	0	0.5	0	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0.5	2
DRYINT	0	0	15	25	0.5	0	0	0	0	0	0	0	0	0	8	25	0	0	0	30	65	30	12	10	0
CARSPP	1	4	1	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	3
SALSPP	0	0	0	0	0	0	0	0	0	0.5	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	6	10	0	0	0.5	1	2	0	0	4	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	8	6	0.5	0.5	0	0	3	0	0	0	0	0	0	0	0	0	0	0
ANTALA	6	0	0	0	2	3	2	2	0	0	0	0	0	12	6	0	2	0.5	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	3	4	8	0	4	0.5	0	0	0	0	0	0	0
ARNFRI	0	12	3	0	0	0	0	0	0	0	0	0	0	0	0	3	8	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	95	15	6	3	0	35	60	30	5	0	45	95	25	2	8	85	75	10	12	0	0	0	0	0	0
CRYPTS	2	3	12	8	8	3	0.5	5	6	5	0.5	2	12	25	12	10	25	85	65	80	45	95	75	80	75
GRASPP	0.5	0.5	0.5	0	0	0	0	0	0	0.5	0	0	0.5	0.5	0	0.5	0	0	0	0.5	0.5	0	0.5	0.5	0.5
DRYINT	0.5	15	55	30	45	8	25	8	0	0	0	0.5	6	1	0	0	0	2	15	20	55	4	30	40	55
CARSPP	3	0	0.5	2	4	0	0	0	0	3	2	0.5	1	6	2	0	0	0	0	0.5	0	1	0	0	0
SALSPP	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	2	0	0	0	0	0	0	0	0
OXYNIG	0	10	0	0	0	0	0	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	10	35	90	55	0	0	0	20	0	0	0	0	0	0	0	0	0	0
ANTALA	0.5	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	12	2	0	0	0	0	0	0	4	6	3	0	0	0	0	0	2	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

D-35. Relative abundance of species present at ALA06 - Site 35

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	0	0	0	40	0	0	0	0	0	0	50	0	8	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	30	30	40	40	80	80	70	30	10	30	20	70	40	10	0	30	0	30	30	15	15	15	30	35	50
GRASPP	2	2	3	1	0	0	0	1	0	0	2	5	0.5	0.5	0.5	0	0	0	0.5	1	0	2	0	0	0
DRYINT	17	10	30	15	25	12	20	40	30	30	10	20	22	60	80	40	10	30	35	55	70	60	60	50	30
CARSPP	3	0	4	0	0.5	0	0	2	0	0	0	0	0.5	0	0	0	1	3	8	7	0	0	1	0	4
CASTET	2	5	5	0	0	5	20	15	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	2	0
ANTMON	0	0	25	10	0	4	0	0	0	3	2	2	4	0	3	2	8	12	1	6	0	0	6	0	0
ANENAR	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	2	1
ANEMUL	8	30	0	0	0	1	0	0	0	0	1	0	0	2	0	10	0	20	6	10	0	3	0.5	0	0
SALSPP	5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	8	2	0	0	0	0	0	0	0	0
CAMLAS	1	1	2	2	0	0	0	0	0	0	0	0	1	0	0	0	1	0.5	0	0	4	0	0	0	2
GENGLA	0	0	0	0	0	3	0	0	0	0	6	5	2	4	0	0	0	0	0	0	0	0	0	0	0
DIALAP	4	6	0	0	0	0	0	2	30	60	15	0	0	0	0	0	0	0	0	0	0	0	0	4	3
POLVIV	0	8	5	5	2	1	1	1	1	2	1	0.5	1	0	0	0	6	7	1	0	4	0	0	0	0
LYCCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	60	25	30	40	40	60	40	40	80	50	30	30	45	60	40	65	80	90	90	80	60	60	80	90	80
GRASPP	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	0	1	0
DRYINT	20	20	25	15	12	30	20	30	25	15	15	30	40	40	30	40	20	10	15	30	45	10	30	15	20
CARSPP	15	8	0	0	0	0.5	0	0	0	0	0	12	15	5	5	10	0	0	0	4	0	4	5	3	5
CASTET	0	0	0	5	6	0	4	25	0	20	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	2	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	20	0	5	40	3	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	5	5	5	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	2	8	20	6	3	15	30	0	0	0.5	0	0	0	20	0	1	7	7	35	40	0	0
SALSPP	0	0	0	0.5	0	0	0	0	0	0	5	2	2	5	15	2	15	10	12	2	10	10	25	0	10
CAMLAS	0	3	0	0	1	2	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0.5	1	0	0
GENGLA	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	7	40	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	2	0	6	5	6	0	0	0	0	0	2	2	0	0	5	0	0	0	0	0	0	10	20
LYCCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0.5	0	0	0	0	0	6	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	15	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	0	0.5	8	6	4	2	3	15	30	0.5	25	55	60	20	15	8	60	70	12	15	0.5	12	0.5	0.5
GRASPP	4	6	2	0	0.5	1	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0
DRYINT	12	2	20	35	25	15	12	25	20	25	45	30	12	20	35	55	25	15	6	25	12	20	8	2	8
CARSPP	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0.5	4	25	0	0	0	8	6	0	0	0	0	12
SILACA	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	3	2	0.5	0	2	3	0	0	0	0	0	6	0.5	4	2
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	2	12	15	12	8	0.5	10	0	0	0	8	5	3	0	0	6	30	4	0	3	0	0	0	0.5	2
SALSPP	3	8	5	3	0	6	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	2	0	0	0	0	0	0	0	0	0	0	2	3	0	0	2	0	0	2	0	0	0.5	0	4
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	8	0	6	0.5	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0
LYCCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	4	3	0	2	0	0	3	3
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	6	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-35. Continued...

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	0	0	0	0	0	0	0	0	0	0	0	5	45	0.5	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	3	5	12	2	1	3	0.5	0	0.5	0	65	6	20	15	35	25	12	0.5	0	12	4	6	5	15	20
GRASPP	0	0.5	3	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	12	0	6	2	12	20	25	30	10	5	35	8	35	20	25	0	0	0	0	6	25	45	6	35
CARSPP	0	3	0.5	0	4	8	0	4	8	6	2	0	0	0	0	8	4	2	8	6	3	4	0	0	0
CASTET	6	35	25	0	0	0	0	0	0	0	0	0	0	0	0	0	55	100	65	70	90	0.5	8	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	6	15	20	12	2	0	0	0	0	0.5	2	0.5	0	0	0	0	6	0	0	0	0	0	4	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
CAMLAS	2	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	5	20	0	0	35	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	2	2	0	5	0	0	0	0	0	3	0	0	0	0	2	4	0	2	0.5	2	0	2	1	0
LYCCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	8	8	3	3	2	3	0	0	0	0	0	4	0	0	0	0	0	6	0	0	0	0	2	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0	0	0	12	4	3	10	6	12	10	12	35	65	70	8	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	5	3	0.5	4	0.5	0.5	20	40	35	6	0.5	0.5	4	6	8	10	25	12	10	0.5	2	6	0.5	12
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	12	6	30	15	25	8	6	4	0	0	6	4	10	15	25	15	12	15	20	6	0	0.5	6	12	6
CARSPP	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	3	0.5	0	0	0	0	5	0
CASTET	0.5	25	0	0	0	0	0	0	0	1	4	0	0	0	0	0	2	25	8	75	55	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	6	5	4	2	3	0.5	0.5	3	0	0	0	0	0	0	0	3	6	8
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	4	0
ANEMUL	0	0	0	0	0	0	0	1	8	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0
SALSPP	0	0	0	0	0	0	2	0	0	0	0	0	2	6	0	0	0	0	3	0	4	3	0	0	4
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	2	3	8	0	0	0
LYCCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	4	3	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
PYRASA	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	3	12	0.5	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	12	5	4	2	5	0.5	0	0	0	0	6	15	0.5	0.5	0	0	0	0	0	0.5	0	2	0.5	0.5	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0.5	0.5	6	0	2	12	6	15	0	0.5	35	65	25	60	30	8	20	40	45	25	50	30	35	8	4
CARSPP	5	0.5	0	0	0	0.5	8	4	0	0	0	4	0	0.5	6	8	2	6	0.5	3	2	12	2	0	0.5
CASTET	0	0	0	12	0	0	10	20	100	100	20	0.5	30	8	25	30	60	25	15	8	6	30	6	85	100
SILACA	0	0	35	25	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	4	8	0	0	2	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	4	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENGLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	2	0	3	4	0	0	0	0	0
LYCCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-35. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-36. Relative abundance of species present at ALA07 - Site 36

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	75	20	40	20	0	0	0	20	7	20	25	10	7	15	5	10	10	15	8	5	0	0	60	65	40
CRYPTS	25	30	335	70	100	100	100	80	90	80	75	90	93	85	95	90	90	85	92	95	100	98	40	35	20
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	3	30	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	20
VACULI	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	20	10	12	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	40	5	10	30	30	35	0	0	0	0	0	0	0	0	0	0	0	0	0	20	15	20	40	40	50
CRYPTS	20	30	50	80	70	50	100	100	35	30	80	70	60	95	95	95	90	70	60	30	70	80	60	60	50
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	20	8	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	5	4	5	15	30	20	0.5	20	20	10	15	22	15	20	7	20	8	4	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	50	80	40	8	0	0	0	0	15	70	22	20	23	0	0	0	0	10	20	40	25	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	5	25	2	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	97	89	80	70	70	75	45	10	0.5	10	4	5	20	25	45	50	75	85	80	80	90	70	20	35	65
CRYPTS	3	12	20	30	30	25	55	90	88	55	90	95	80	75	55	50	20	15	15	20	8	10	30	12	15
GRASPP	0	0	0	0	0.5	1	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	12	30	6	0	0	0	0	0	0	0	0	0	0	20	35	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	4	0	3	0	0	20	0.5
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	30	20
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.5	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	55	88	70	10	20	40	70	85	88	35	55	10	0	0	5	10	0	12	0	2	0	0	0	0	0
CRYPTS	35	12	15	5	12	30	25	15	12	0.5	15	90	85	88	95	90	100	88	100	98	100	100	100	100	99
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	0	0.5	2	3
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0.5	15	12	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	3	12	6	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	12	65	15	8	0	0	0.5	65	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	8	45	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6
ANTALA	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-36. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0	0	0	0	0	0	0	0	2	0	10	5	12	80	75	65	25	70	80	25	10	15	35	10	30
CRYPTS	98	90	40	90	80	100	100	100	98	100	90	95	88	20	25	35	75	30	20	75	90	85	65	90	70
GRASPP	2	1	0.5	1	0.5	0	1	2	0.5	2	0.5	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	55	30	60	55	45	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	15	0	0	0.5	0.5	25	10	0	0	0	10	8	6	0.5	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	85	100	55	75	95	75	90	65	100	75	88	92	94	100	95	100	100	90	60	65	40	35	55	60	80
GRASPP	0	0	0	0	0	0	0	0	0.5	0	0.5	0.5	0	0.5	0.5	0	0.5	0.5	0.5	2	4	0.5	0.5	0	0.5
DRYINT	3	0	45	25	5	0	0	0	0.5	20	0	0	0	0.5	6	2	0	8	30	15	25	60	35	40	20
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0.5	0	0	4	0	0	0	0	0

D-37. Relative abundance of species present at ALA08 - Site 37

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	90	90	95	100	100	100	100	65	10	0	10	100	100	100	100	70	10	0	0	0	0	0	0	0	0
CRYPTS	0	0	0	0	0	0	0	0	50	70	70	1	2	0	0	0	65	40	75	80	85	100	85	100	80
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	30	10	0	0.5	0	0	1	0.5	4	3	10	4	12	20	0	0	0	15
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	10	15	5	0	0	0	0	0	0	2	1	0.5	2	0	0.5	2	0	20	0	0	0	0	0	0	10
LOIPRO	10	0	0	0	0	0	0	0	0	35	20	0	0	0	0	30	20	0	30	20	0	0	0	0	0
ANTALA	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
DIALAP	0	0	0	0	0	0	1	20	30	0	0	0	0	0	0	15	5	40	0	0	0	0	17	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	0	0	10	0	20	20	0	0	0	0	5	5	0	7	70	90	10	0	0	0	0	0	0	0	0
CRYPTS	90	60	20	70	25	75	90	45	90	90	10	90	95	95	20	10	70	100	65	35	70	100	100	100	100
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	2	0	30	20	3	0	5	10	0	0	0	0	7	0	0	0	0	4	30	0	4	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0
VACVIT	0	40	0	10	5	7	3	10	0	5	0	6	0	0	0	0	0	0	5	10	0	0	0	0	0
LOIPRO	8	20	40	0	0	0	0	0	0	10	25	4	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	2	0	0	0	15	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	5	35	0	0	0	0	0	0	0	0	0	0	0	0	0	15	50	35	0	0	0	0
CAMLAS	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	0	0	0	0	0	5	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	100	100	90	98	93	100	100	92	65	85	80	90	100	100	100	100	100	100	100	100	100	100
GRASPP	0	0	0	0	0	3	2	0.5	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5	0	0.5	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	8	35	12	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	6	15	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	100	95	75	80	50	70	90	85	80	95	93	99	90	85	25	70	35	35	25	85	85	70	75	75	75
GRASPP	0	0	0.5	0.5	0	0.5	0	0	0	0.5	0.5	1	2	0.5	0.5	0	1	2	0	0.5	0.5	0	0	0	0
DRYINT	0	0.5	12	20	35	25	8	2	10	0	0	0.5	1	0.5	35	30	45	55	60	15	30	35	20	15	0
CARSPP	0	0	0	0	0	0	3	6	5	0.5	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	5	2	0	6	0	0	0	0	0	0	0	0	0	0	0	0	1	8
LOIPRO	0	6	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	2	3	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	2	4
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0.5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	15	25	0.5	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	4	4	6	0	0	0	0	0	0	0	0	4	3	10
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-37. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	10	5	1	0	0	0	0	0
CRYPTS	75	80	88	75	85	75	90	100	88	100	95	100	95	100	100	100	98	80	95	99	100	100	97	100	99
GRASPP	0	0	0	0	0	0	0.5	0	0	0	0.5	0.5	0.5	0	0	0	2	2	0	0	0	0.5	2	0	0.5
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0.5	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	3	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	9	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.5	0	0	0	3	0	1
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	5	4	0.5	3	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	15	20	12	15	0.5	25	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0	0	0	0	0	0	0	0	0	0	15	0.5	12	75	0	4	0	0	0	0	0	0	0	0	0
CRYPTS	100	100	100	99	99	100	99	98	97	98	85	100	85	20	85	25	30	15	20	45	35	20	15	0.5	2
GRASPP	0.5	0	0.5	3	2	0	2	3	4	0.5	0	0	0.5	0.5	3	0.5	0	2	3	0	0.5	0.5	0	0.5	0.5
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	2	0	3	0	0	6	3	12	35	30	25	30	6	35	55	25	20	40
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	25	12
SALSPP	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	8	5	0	0	0	0	0	0.5	20	8	0	0	0	3	25
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	35	0	40	40	15	8	15	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-38. Relative abundance of species present at ALA09 - Site 38

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	100	80	60	100	80	85	100	100	100	100	100	100	97	90	95	99	95	97	98	97	90	98	50	5	30
CRYPTS	0	12	30	0	20	20	0	0	0	0	0	3	5	10	7	3	5	3	2	3	10	2	25	30	40
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
ARCRUB	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	12	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	12	60	20
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	98	96	95	85	95	85	85	90	95	96	98	90	95	97	95	80	40	10	40	95	30	85	75	75	98
CRYPTS	2	4	5	6	5	15	15	10	5	4	2	10	5	3	5	20	30	40	0	5	20	15	25	25	2
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	13	0	0	0	0	0	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	70	60	0	40	3	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	100	98	88	92	65	80	85	80	65	60	75	55	60	50	90	95	35	70	75	80	94	100	98	85	80
CRYPTS	0.5	2	12	8	35	20	15	20	35	40	15	20	35	12	6	5	65	30	25	20	6	0.5	2	15	12
GRASPP	0	0	0	1	1	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5	2	0.5	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	15	30	4	40	0	0	0	0	0	0	0	0	0	2	10
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	80	90	75	80	94	90	85	90	75	70	70	88	40	45	90	70	90	65	65	60	35	75	92	75	0
CRYPTS	12	20	25	20	6	8	15	10	25	30	15	12	60	55	10	25	10	35	25	40	65	25	6	20	45
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.5
DRYINT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	45
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0.5	10	4	0	2	2	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0.5	0.5	2	0.5	15	70	88	94	70	88	75	30	80	65	85	80	70	60	65	92	85	90	33	0	0
CRYPTS	30	80	60	50	35	25	12	6	30	12	25	25	20	35	15	30	30	40	35	8	15	10	60	45	70
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	4	0.5	0	0	0.5	0	0	0	0	0	0
DRYINT	55	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	55	25
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
LOIPRO	8	20	35	30	40	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-38. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	25	30	2	15	85	100	94	92	98	88	70	60	80	85	80	40	5	45	70	50	75	85	30	12	55
CRYPTS	20	35	40	40	15	0.5	6	8	2	10	25	30	15	12	20	55	75	45	30	50	20	12	40	60	30
GRASPP	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0.5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	4	0	0	0	0
DRYINT	12	15	55	45	0	0	0	0	0	0	0	0	0.5	2	0	5	20	10	0	0	0	2	30	25	12
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	2	3	12	2	0	0	0	0	0	0	0	0	0	0	0	0

D- 39. Relative abundance of species present at ALA10 - Site 39

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	20	90	70	30	95	80	20	30	45	20	0	30	70	85	40	20	8	5	25	80	100	98	70	50	45
CRYPTS	70	10	15	40	5	10	20	15	30	70	100	70	30	10	60	35	60	30	30	20	0	3	20	50	30
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0.5	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	3	0	0	0	0	0	0	0	0	0	0	0	3	2	0	14	8	10	8	0	0	0	0	0	0
SALSPP	15	5	20	25	1	20	30	40	12	10	0	0	0	0	0	10	20	25	25	0	0	0	25	0.5	10
POLVIV	0	0	0	5	0	0	0	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	0	0.5	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	70	85	90	75	40	15	55	15	55	50	15	30	30	15	40	10	40	40	40	50	30	30	20	60	20
CRYPTS	30	5	0.5	20	10	65	40	80	45	15	2	30	45	60	40	60	90	40	40	40	60	30	30	0.5	60
GRASPP	0.5	0	0	0.5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	20	60	25	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	1	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	4	4
SALSPP	0	0	5	5	50	20	5	10	5	15	0	15	20	30	25	30	25	20	15	11	30	40	60	35	20
POLVIV	0	5	0	0	0	0	0	0	0	0	10	5	0	0	0	10	2	0	3	0	0	0	0	0	0
OXYNIG	0	0	10	0	0	5	0	0	0	0	0	0	0	7	0	0	0	0	0	3	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	0.5	0	0	45	0.5	45	10	0	75	80	60	80	55	80	80	90	20	8	10	4	20	2	2	0	5
CRYPTS	65	15	55	20	40	15	30	80	20	8	8	4	12	10	6	4	35	65	25	55	35	55	65	95	85
GRASPP	1	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0.5	0	8	10	3	0.5	0	0.5	1	0	0.5	6	0.5	2	0	4	6	2
SALSPP	30	25	45	30	55	20	55	8	6	3	25	15	30	8	12	6	15	25	45	25	30	45	30	0	6
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5
VACVIT	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	60	25	0	0.5	6	5	5	40	15	100	100	100	88	90	85	40	25	50	55	80	80	65	0	0	0
CRYPTS	30	65	95	80	80	90	90	60	85	0.5	0	0.5	0.5	12	10	15	55	35	50	45	15	20	35	100	100
GRASPP	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0.5	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	6	8	1	0.5	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0.5	20	0	1	0	0	0	0	0
SALSPP	5	12	5	20	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	1	0	4	0	0	0	0	0	0	5	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	1	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	25	75	70	55	90	40	0	0	10	15	55	100
CRYPTS	55	35	40	92	80	55	40	70	55	98	98	90	60	0.5	25	30	45	0.5	55	90	85	12	80	0.5	0.5
GRASPP	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
SALSPP	45	65	60	8	20	45	55	30	45	0	2	10	6	0	0	0	0	2	4	10	12	30	5	6	0.5
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D- 39. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALA	0	0	0	0	0	2	12	0.5	0	2	0	0	0	0	0	0	3	6	0	2	2	0	0	35	6
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	25	75	0.5	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	100	100	65	90	100	80	85	10	0	0	12	35	0.5	10	0	0	0	0	0	0	0	0	0	0	30
CRYPTS	0.5	0.5	0.5	1	0.5	15	6	0.5	0	0	10	12	30	45	50	45	55	40	80	85	40	25	20	25	45
GRASPP	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	25	45	100	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	3	10	8	0.5	15	8	25	15	0	0	0	0	0	0	0	0	0
SALSPP	0	0	35	8	0	2	0	20	50	0	25	35	45	30	30	55	45	60	20	15	60	75	80	75	15
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUPARC	0	0	0	0	0	0	45	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-40. Relative abundance of species present at ALA11 - Site 40

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	60	60	80	100	90	80	85	30	95	100	98	98	85	75	50	15	25	20	10	60	98	70	65	50	75
CRYPTS	30	40	20	0	10	5	10	70	5	0	2	2	14	25	50	30	25	40	35	30	2	30	30	50	25
GRASPP	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	7	1	0	0	1	20	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0
ANEPAR	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	35	55	7	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	85	80	60	30	20	7	8	30	35	80	80	70	80	90	100	100	98	50	20	40	60	80	65	30	70
CRYPTS	15	20	30	35	30	25	40	30	50	20	20	30	20	5	0	0	0	0	20	40	30	20	30	80	25
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
DRYINT	0	0	10	35	30	40	25	25	0	0	0	0	0	0	0	0	5	40	50	5	0	0	0	0	0
CARSPP	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0
ANTALA	0	0	0	0	5	0	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	10
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	15	10	12	20	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	85	94	90	95	95	100	85	30	40	100	80	90	65	100	65	12	0.5	10	70	70	80	45	97	99	95
CRYPTS	0.5	0	0.5	2	0.5	0	0.5	5	8	0	0	0	0	0.5	6	0.5	8	6	12	30	3	15	0.5	1	0.5
GRASPP	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	15	6	8	5	4	0	2	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	3	0	5
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	25	12	0	0	0.5	35	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	98	80	90	85	100	90	85	80	90	65	80	90	70	85	95	90	5	5	80	70	75	98	98	100	98
CRYPTS	0.5	0.5	3	0.5	0.5	10	5	0.5	3	35	20	6	12	8	2	10	15	0.5	5	2	0.5	0	0	0.5	2
GRASPP	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0.5	0.5	1	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0.5	0.5	1	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	3	8	3	0	0	0	12	8	0	0	0	4	0	0	2	0	0	0	1	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	2	6	0	0	0	0	0	0	0	0.5	1	0	0	0	0	0	0	0
SALSPP	0	12	4	12	0	0	0	0	0	0	0	0	15	5	0	0	0	0	0	0	0.5	2	2	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	90	90	65	60	100	25	35	95	95	100	94	88	80	60	75	45	20	6	30	55	12	0.5	6	25	100
CRYPTS	8	5	0.5	0.5	0.5	0.5	0.5	0.5	3	0.5	6	12	20	0.5	0.5	2	5	10	2	5	0.5	0.5	12	2	0.5
GRASPP	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
DRYINT	0	0	0.5	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0	1	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	3	5	0	0	0	0	0	6	1	0	0	0	0	0	0.5	20	25	0	0	20	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-40. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
SAXTRI	0	0	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.5	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	12	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0	0	0	0	8	55	90	5	0	45	3	4	30	45	60	30	5	8	0.5	25	75	95	90	98	100
CRYPTS	0.5	0.5	0	3	5	8	0.5	0.5	0	0.5	0.5	0.5	0.5	0.5	30	5	8	6	0.5	0.5	2	0.5	2	0.5	0.5
GRASPP	0	0	0	0	0	0.5	0.5	0	0	0.5	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0.5	0.5	0	0	0.5	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0.5
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0	0.5	0	0	0	0	0	0	0	0	12	8	12	6	0	0	0	3	0	3	6	3	0	0	0
ANEPAR	0	0	0	2	0	0	0	0	0	4	0	2	12	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0.5	60	25	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	3	0	0	0	0	0	6	2	0	0	0.5	5	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-41. Relative abundance of species present at ALA12 - Site 41

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	50	50	45	65	80	95	65	60	50	30	20	10	5	85	80	70	30	30	40	90	100	80	70	15	15
CRYPTS	40	40	30	30	20	5	35	35	30	30	20	40	95	15	20	30	65	30	30	10	0.5	10	20	30	30
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	20	2	0	0	0	0	0	8	20	35	0	0	0	0	5	40	25	0	0	7	10	35	50
ANTALA	5	8	0	0	0	0	3	5	20	15	12	4	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
SALSPP	4	0	0	0	0	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0	8	0.5	8	0
OXYNIG	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	10	0	60	75	30	20	20	75	85	90	100	98	98	98	98	15	30	60	40	70	5	30	90	20	20
CRYPTS	20	0	5	20	5	0.5	5	10	15	10	0.5	2	2	2	3	10	5	20	30	30	0.5	5	6	5	20
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	60	70	7	0	50	70	60	10	0.5	0	0	0.5	0	0	2	60	40	15	20	3	80	60	0	65	40
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	5	20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	60	25	15	45	88	70	30	20	5	30	0.5	15	55	65	45	45	30	0.5	10	12	8	5	25	10	75
CRYPTS	12	5	8	40	12	8	12	30	0.5	25	30	2	5	0.5	12	55	25	30	55	30	25	45	60	85	6
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	30	65	50	6	0	20	55	15	6	15	35	30	6	2	0	0	0	0	0	0	0	20	0.5	0.5	20
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	25	30	0	30	25	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	70	30	80	75	60	20	35	35	88	92	93	96	80	65	85	92	88	95	92	88	90	85	80	75	10
CRYPTS	6	15	5	20	10	65	12	0.5	12	8	3	4	20	35	15	8	12	5	8	12	10	15	20	25	10
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	20	12	6	5	6	10	45	30	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0.5	45
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0.5	40	55	82	95	50	88	65	80	15	40	12	60	45	0	20	20	40	20	55	35	35	40	30	65
CRYPTS	20	15	25	18	4	45	12	35	20	30	25	45	25	20	0.5	15	10	55	30	8	40	10	25	65	20
GRASPP	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	35	6	0	0	0	2	0	0	0	25	25	8	15	25	70	25	30	8	25	30	15	12	15	2	12
ANTALA	0	0.5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	10	20	0	0	0	0	0	0	0	0	0	0	8	0	6	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	6	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	10	25	60	50	60	10	60	100	90	40	80	88	75	75	70	75	90	70	85	15	0.5	45	65	65	75
CRYPTS	20	6	30	25	2	6	4	0.5	2	12	15	10	8	20	25	20	5	8	0.5	25	6	12	6	35	20
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	65	30	2	12	40	70	30	0	8	20	6	2	0	0	0	0	3	10	6	20	45	25	30	0	4
ANTALA	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0.5	0	0	0	0	0	0	0	0	0	15	8	5	6	2	8	4	0.5	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILACA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-42. Relative abundance of species present at ALA13 - Site 42

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	70	88	95	80	93	90	70	80	85	60	70	80	60	75	70	60	20	60	20	30	30	30	80	70	70
CRYPTS	30	10	5	15	3	10	30	20	15	20	30	15	20	5	30	40	60	45	80	35	50	60	20	25	30
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	4	8	10	0	0	6	4	1	10	3	0.5	0	0	0
ANTFRI	0	5	0	0	0	0	0	0	3	15	0	6	6	0	3	2	0	0	0	7	0	0	0	5	0
POTUNI	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	5	15	0	0	2
BRAHUM	0	0	0	8	7	0	2	6	0	5	0	0	0	8	1	0	0	0	0	0	0	0	4	7	8
SENLUG	0	0	0	0	0	0	0	0	0	4	8	0	5	0	0.5	0.5	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	50	40	20	30	30	20	20	4	0	0	0	0	0	40	20	0	10	0	0	0	0	0	0	0	5
CRYPTS	30	40	50	60	70	80	15	25	50	50	15	15	20	20	20	20	20	20	10	20	35	30	70	60	15
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	1	0	0	0	0
CARSPP	0	6	3	2	3	0	10	5	0	0.5	0	0.5	0.5	0	0	0	0	10	20	1	0	0	0	0.5	0
ANTFRI	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	12	3	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	30	30	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	25	30	30	35	15	0	0	0	3	20	5	2	30	30	40	25	5	40
EMPNIG	0	0	0	0	0	0	0	0	0	3	25	65	60	30	20	45	18	0	0	0	0	0	30	20	3
DRYINT	0	0	0	0	0	0	0	0	0	8	25	0	0	0	0	0	20	25	0	0	0.5	5	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	55	40	85	0.5	8	3	15	0.5	5	0.5	5	2	80	90	85	4	5	0.5	55	70	30	45	25	45	3
CRYPTS	25	20	3	2	12	30	12	15	20	20	25	30	6	10	12	25	20	18	5	6	8	2	12	20	0.5
GRASPP	2	3	1	0.5	0.5	0.5	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	2	15	4	0	0	0	2	4	0.5	0	0	0	0	0	0	0	0	0	0	1	3
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	15	35	12	0	3	20	5	25	15	20	12	8	0	0	2	8	30	12	8	25	35	40	45	30	75
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0.5	30	6	0	0	0	3	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	15	3	0.5	2	6	0.5	12	0.5	20	95	60	20	0.5	5	85	12	2	4	6	0	3	45	30	45	75
CRYPTS	12	15	20	15	20	30	5	0.5	15	4	15	25	12	20	4	5	8	12	15	0.5	2	20	35	40	8
GRASPP	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0
CARSPP	3	0.5	0	0	0	0.5	0	0	0	0	0	0	2	6	0	0	0	0	0	0	0	0	0	0.5	0.5
ANTFRI	0	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	25	3	30	12	8	5	3	10	3	2	12	8	0	0	8	6	4	15	10	4	0	0	1	0	0
EMPNIG	0	0	0	0	0	0	55	25	12	0.5	0	0	0	0	0	4	30	25	2	25	35	25	1	0	0
DRYINT	6	5	4	10	8	0	0	0	0	0	0	4	20	25	0	8	0	0	2	20	4	3	2	3	4
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6

D-42. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	75	20	25	60	45	45	40	35	5	0.5	15	30	35	55	20	75	60	85	0.5	0	0	30	95	90	95
CRYPTS	20	15	12	8	15	30	25	40	2	10	12	25	40	25	65	15	12	8	6	0.5	4	65	0.5	0.5	0.5
GRASPP	0	0	0	0	0	0	0	0.5	0	0	1	0.5	0	0	0	0	0	2	0	0	0	0	0	0	0
CARSPP	0.5	4	25	8	1	0	3	3	4	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	6	0	0	0	0	0	0	15	6	20	0.5	2	25	4	30	0	1	2	3	8	4
EMPNIG	0	0	0	0	0	0	0	3	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	5	15	4	0	2	12	0	0	20	12	5	0	0	3	4	6	0	0	2	40	15	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	6	8	0	3	4	0	4	0	4	2	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	95	60	70	98	100	97	92	85	97	100	94	93	94	93	95	93	97	80	60	10	20	15	45	90	94
CRYPTS	0.5	2	4	0.5	0.5	0.5	1	6	3	0.5	0.5	6	4	3	5	5	3	15	12	15	20	35	12	5	6
GRASPP	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRAHUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	6	0.5	0	0	0	3	6	3	0	0	6	1	0	4	0.5	2	0.5	2	25	60	55	15	35	4	0
EMPNIG	0	35	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0

D-43. Relative abundance of species present at ALA14 - Site 43

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	13	5	3	10	12	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	35	50	50	60	18	30	30	15	20	40	20	30	60	20	0	0	7	20	8	20	5	30	5	10	20
GRASPP	0	0.5	0	0.5	0	0.5	10	10	3	2	0.5	2	1	1	1	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0	0
CARSPP	2	0.5	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	2	0	0	0	0
DRYINT	40	30	40	25	60	65	55	70	70	30	30	14	30	60	70	70	60	60	55	30	1	30	70	70	30
ANTALA	2	5	8	12	20	0	0	0	30	35	40	30	0	0	0	0	0	0	6	8	0	0	0	0	12
OXYNIG	0	6	0	0	0	0	0	0	0	0	0	3	0	3	6	5	0	6	0	2	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	20	18	10	4	0	0	0	0	5	7	45	70	35	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SENPAU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	0	0	0	0	15	20	30	20	10	5	30	80	40	15	30	45	45	30	20	5	10	0	0	5	0
CRYPTS	50	50	10	30	40	40	30	35	70	30	50	20	60	50	60	50	45	45	75	60	75	60	50	30	25
GRASPP	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	1	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	2	0.5	0	2	2	3
DRYINT	40	25	60	70	40	40	30	35	20	50	15	0	0	30	10	4	5	10	7	25	5	35	35	35	50
ANTALA	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	1	7	0	0	10	10	0	0	0	10	0	0	3	0	0	0	0	12	0	0	20	12	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENPAU	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	55	40	25	12	5	2	0.5	5	3	6	5	0.5	6	25	20	70	92	75	20	40	70	15	35	15	15
CRYPTS	15	30	25	20	3	0.5	0.5	3	8	0.5	2	0.5	3	5	25	30	8	20	15	45	30	50	5	45	0.5
GRASPP	0	0.5	2	0.5	2	3	1	0	0.5	0.5	2	1	0.5	0	3	0	0	0	4	0	0	2	0.5	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0.5	3	0.5	0	0	0	0	0
DRYINT	30	10	40	65	45	15	55	70	60	80	50	65	70	35	12	0.5	0	2	45	3	0	10	45	12	70
ANTALA	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
OXYNIG	0	0	0	0	0	0	0	0	0	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	3	0	0	6	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	45	15	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENPAU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	5	45	45	75	40	20	0.5	35	5	40	4	2	0.5	0.5	20	88	100	99	97	70	20	0.5	30	40	25
CRYPTS	0.5	20	30	25	30	35	25	10	4	55	12	6	15	4	15	8	0.5	1	3	2	2	5	20	10	15
GRASPP	0.5	5	3	0.5	4	0.5	0.5	2	0.5	0.5	2	0.5	0	0	0	0	0	0	0	0	1	0.5	0	0	2
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	45	2	8	1	25	18	25	12	45	6	8	12	20	35	20	0	0	0	0.5	25	75	60	15	0	20
ANTALA	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	55	2
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	25	6	5	4	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	20	30	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENPAU	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-43. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0.5	6	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	25	55	0	0	0	20	0	0	0
CRYPTS	0.5	2	0.5	0.5	0	0	0.5	0	0	0	0	0.5	12	0.5	2	3	2	6	0	2	0.5	0.5	0.5	6	20
GRASPP	0	0.5	0.5	2	3	3	2	4	1	2	3	1	0.5	1	0.5	0	0.5	0.5	0	0.5	0	0.5	15	0	2
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
DRYINT	20	30	50	10	0	2	8	6	0	5	0	3	25	55	60	70	35	4	0	3	20	25	12	12	15
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	25	0	0	18	15	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	2	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SALSPP	0	0	0	0	6	2	0	0	0	0	0	0	0	0	0	0	0	12	45	20	0	0	0	0	0
MINRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENPAU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	65	50	60	80	85	98	55	95	100	95	98	97	0	3	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0	5	0	20	12	0.5	2	93	100	95	97	100	96	7	94	95	93	90	2	12	80	75	20	0	2
CRYPTS	12	25	2	15	3	6	5	3	0.5	0.5	3	0.5	4	3	6	2	4	6	3	5	15	20	0.5	2	8
GRASPP	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	2	3	0
CARSPP	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	15	35	40	12	25	12	15	4	0	0	0	0	0	0	0	3	3	12	55	60	10	4	50	30	25
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	6	4	0	8	0.5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINRUB	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENPAU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D- 44. Relative abundance of species present at ALA15 - Site 44

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	80	85	40	25	20	15	15	70	100	100	100	100	40	60	95	40	30	0	20	15	5	0	20	5	5
CRYPTS	0	0	15	30	45	60	40	20	0	0.5	0.5	1	50	20	0.5	15	7	40	10	5	15	10	15	0	0
GRASPP	0.5	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	4	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	1
DRYINT	5	10	25	30	5	25	40	7	0	0	0	0	0	8	7	30	50	40	20	60	50	65	20	30	60
ANTALA	0	0	0	7	5	0	0	0	0	0	0	0	0	0	0	20	0	0	7	10	6	10	20	0	0
VACVIT	5	0	0	0	5	0	0	2	0	0	0	2	10	8	0	6	0	1	30	3	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	5	30	60	30	20	50	50	13	3	30	75	50	15	0	15	13	30	30	5	0	0	5	20	2	20
CRYPTS	5	15	6	15	25	15	10	10	0	0.5	20	20	70	60	50	15	20	30	20	60	60	70	70	90	70
GRASPP	0	0	0	0	0	0	1	0.5	0.5	0	0	0	0	0	0.5	0	0	0	0	2	0	0	0	0	0
CARSPP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	50	40	8	2	35	15	25	65	70	30	5	20	5	25	40	70	20	25	50	20	0	0	0	2	0
ANTALA	5	3	0	25	0.5	0	0	4	10	0	0	0	15	0	0	0	5	0	8	10	0	0	0	3	20
VACVIT	0	0	0	0	0	0	0.5	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0.5	10	0	7
SALSPP	0	0	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	40	20	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	20	25	30	25	10	12	3	40	0.5	0	0	0	0	0.5	6	3	0.5	0	2	30	100	55	30	100	97
CRYPTS	65	50	25	6	30	25	55	25	85	98	90	99	95	65	90	80	0.5	0.5	5	0.5	0.5	30	25	0.5	3
GRASPP	0	0	0	0	0	0	0	0.5	0	0	1	1	2	0.5	0.5	2	0.5	0.5	0	0	0.5	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	5	0.5	0	0	0	0	0	0	0.5	6	0.5	0.5	20	0	0	25	35	25	20	0	4	8	0	0
ANTALA	0	0	0	4	6	15	8	0	0	0	0	0	0	0	0	0	2	40	15	0	0	0	0	0	0
VACVIT	0	0	0	6	15	6	3	30	6	2	0	0	3	2	4	8	0	15	4	0	0.5	5	12	0	0
SALSPP	3	12	8	10	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	2	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	15	2	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	20	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	0	0	5	0	10	0.5	5	25	30	85	20	35	2	20	5	2	5	0	0.5	10	25	45	100	90	80
CRYPTS	35	95	80	10	25	12	30	12	15	5	12	10	65	55	75	25	20	25	75	65	15	35	0.5	10	8
GRASPP	0	0	0.5	0	0.5	0.5	0.5	0	0	0	0	0	0.5	0.5	0	0	0.5	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	15	2	12	45	30	35	121	15	30	2	15	8	6	8	20	15	12	30	12	15	30	20	0	0.5	12
ANTALA	12	0	0	0	0	0	3	5	0	4	12	25	0	3	0	0	0	0	8	6	0	0	0	0	0
VACVIT	8	4	2	0	1	6	0	0	0	0	0	0.5	0	6	0	8	0	2	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	6	5	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-44. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	10	93	100	80	10	70	55	88	80	20	30	80	60	0	0	0.5	2	0.5	20	10	0.5	30	30	15	0
CRYPTS	75	6	0.5	2	6	20	30	12	15	60	45	10	0.5	15	10	25	60	70	65	25	30	45	25	60	45
GRASPP	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0.5	1	0	0	0.5	0.5	0.5	0.5	2	0	0	0	2
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	10	1	0	10	25	5	8	0	2	0	0	0	30	25	30	45	4	2	0.5	25	0	3	0	15	10
ANTALA	0	0	0	12	35	0	0	0	0	0	0	0	0	3	0	0	2	8	0	0	2	10	6	0	2
VACVIT	0	0	0	0	0	8	5	0.5	0	15	20	6	0	2	8	10	8	4	6	10	15	0	8	5	6
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	75	4	6	12	2	12	10	0.5	6	30	45	35	15	0	0.5	0.5	10	0	0.5	20	5	92	40	30	0.5
CRYPTS	4	85	30	30	15	30	65	55	18	25	30	40	35	70	8	15	30	25	45	75	90	8	55	40	80
GRASPP	0	1	0.5	0	0.5	0	0	0.5	0	0	0	0.5	0.5	0	0	0	0	0	0.5	0	0	0	0	0.5	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	8	3	5	0	0	15	35	20	0	12	15	20	30	35	50	55	30	0	0	0.5	3	15	20
ANTALA	0	0	12	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	5
VACVIT	20	12	15	25	20	15	10	8	20	6	10	8	10	15	15	0	0	2	2	6	4	0	2	3	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-45. Relative abundance of species present at ALA16 - Site 45

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	0	0	0	0	0	5	20	65	50	50	45	35	10	30	15	3	8	45	65	90	90	80	80	60	20
CRYPTS	99	70	40	50	70	40	40	20	50	50	35	35	60	70	80	15	35	45	35	10	10	15	15	30	80
GRASPP	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5
CARSPP	3	0	0	0	0	0	0	0	0	0	1	0	1	3	1	0	1	0	0	0	0	0	6	3	0
DRYINT	0	30	25	30	30	50	2	0	0	0	0	0	0	0	5	50	45	15	0	0	0	5	0	0	3
ANTALA	0	0	25	2	0	0	10	8	0	0	12	7	0	0	0	0	0	0	0	0	0	0	0	8	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	25	30	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	3	5	10	0	5	5	20	5	0	20	45	50	60	20	25	30	15	30	60	5	10	25	0	0	70
CRYPTS	50	70	40	60	75	93	80	60	75	70	45	50	40	70	70	45	45	30	35	50	60	45	40	30	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	1	0.5	2	3	0	0	0	0	0	2	1	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1	2	0.5	0	0	2	2	3	3	4	0
DRYINT	40	20	2	30	15	6	0	4	10	7	10	0	0	0	0.5	30	30	40	2	25	25	25	40	65	20
ANTALA	0	0	0	0	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	80	0	0	45	0	45	20	10	0.5	15	45	3	10	15	10	35	30	55	50	55	35	25	15	30	15
CRYPTS	12	10	3	15	20	6	35	40	12	30	20	10	55	60	35	15	65	45	50	45	60	70	80	65	30
GRASPP	0	0	0.5	1	0.5	0	2	0.5	0	0	0	0.5	0	0	2	2	0.5	0.5	0.5	0	0.5	2	3	0.5	0
CARSPP	0	0	0	1	3	4	0.5	0	0.5	0.5	2	0	5	2	3	0	2	1	0	0	3	0.5	2	5	6
DRYINT	6	45	15	8	25	6	0	18	25	20	15	30	4	0	12	4	0	0	0	0	0	0	0	2	8
ANTALA	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	25	15	0.5	5	15	10	0.5	0.5	15	15	0.5	2	2	0.5	20	0.5	100	35	0.5	45	85	98	35	8	45
CRYPTS	40	65	35	15	60	85	35	40	35	80	45	40	25	75	55	65	0.5	15	10	15	10	0.5	25	5	20
GRASPP	0	0	0	2	0	1	5	5	0.5	2	6	2	0	1	0.5	0	0	0.5	0	0	0	0	2	0.5	0
CARSPP	0.5	0	0	0	0	0.5	0.5	0.5	2	3	0.5	0	0.5	2	0	0	0	0.5	0	1	3	0	0	0.5	0
DRYINT	30	15	12	20	12	4	18	25	20	0.5	5	25	60	12	15	30	0	25	60	35	0	0	8	15	12
ANTALA	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	30
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	75	90	30	20	20	0.5	5	6	15	30	70	0.5	0.5	5	5	10	55	6	60	15	40	10	15	25	20
CRYPTS	5	4	25	80	75	45	35	40	6	0.5	25	8	20	80	75	85	45	40	35	40	55	80	85	30	20
GRASPP	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0.5	2	0	0.5	0	0.5	0
CARSPP	0	0	0.5	0	2	0.5	3	2	0	0	0.5	0	0	0	0	1	0	0	0	3	0	0	0.5	0	0
DRYINT	10	2	12	0	0.5	6	30	10	45	60	0.5	15	0	0	10	0	0.5	8	2	0	0	0	0	30	60
ANTALA	2	0	6	0	0	0	0	1	0	0	4	0	15	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	6	1	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	4	0	0	0	0	0	12	55	12	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0

D-45. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	20	20	0.5	30	0.5	10	75	0.5	0.5	60	20	45	80	25	35	50	65	75	75	80	65	20	45	45	15
CRYPTS	12	35	40	65	95	90	12	20	15	25	30	8	15	75	65	50	35	25	15	20	30	25	30	50	35
GRASPP	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	1	2	0	0	0	1	0	0	0	0	0.5	2	2	3	4	2	1	2	2	0.5	0.5	0.5
DRYINT	60	20	20	2	0	2	15	70	65	15	10	25	0	0	0	0	0	0	0	0	0.5	30	10	6	12
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	4	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	3	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-46. Relative abundance of species present at ALA17 - Site 46

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	50	50	60	70	65	80	95	60	70	45	80	40	20	40	40	50	80	60	60	30	30	40	25	30	70
GRASPP	5	2	3	0	2	0	3	5	6	0	6	6	8	5	3	8	3	30	55	60	15	10	15	30	20
CARSPP	35	25	35	30	50	40	55	40	60	40	50	70	50	40	50	60	20	10	30	15	50	60	70	90	30
ANEPAR	30	15	25	18	0	3	0	0	0.5	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4
SAXFLA	20	10	10	8	0	10	0	8	0	0	0	0	0	0	0	0	20	25	0	5	15	10	0	0	15
LUEPEC	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTANG	0	8	25	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	12	0	0	0	0	0	4	15	12	28	30	20	0	0	0	0	0	0	0	8	30	20	30	7
EPILAT	0	0	5	3	0	0	0	0	15	0	0	0	0	15	13	0	0	0	0	0	20	0	0.5	5	10
STELON	0	0	0	0	1	0.5	0	0.5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SAXFLA	0	0	0	0	0	0	0	0	0	0	0	0	2	15	0	0	3	0	0	0	7	0	0	0	25
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	20	0	20	30	0	0	0	0	0	25
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRANIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	25	30	0	0	0	0	0	0	0	0
CRYPTS	50	70	80	70	60	90	70	80	75	70	60	90	80	60	80	60	60	80	60	70	70	70	70	90	70
GRASPP	3	2	3	25	10	4	8	8	20	6	7	1	4	3	4	0.5	2	6	5	1	1	3	0	0	0
CARSPP	5	20	30	10	3	0	5	4	6	12	10	8	15	25	20	20	30	25	40	60	80	80	80	80	80
ANEPAR	2	0	35	35	50	100	50	5	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SAXFLA	20	18	30	30	35	7	20	4	20	65	8	4	15	0	0	0	20	35	15	0	5	7	0	0	20
LUEPEC	20	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	4	3	0
ANTANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0
POLACU	0	20	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0
EPILAT	40	0	20	25	5	50	6	3	40	15	70	30	0	4	0	0	0	0	2	0	2	0	0	0	0
STELON	0	1	0	1	0	0	0	0.5	0	1	0	2	1	1	0	0	0	0	0	0	1	0	1	0	0
SAXFLA	10	0	0	0	0	0	0	0	6	0	2	0	0	3	0	4	0	0	8	0	0	0	0	0	0
POLBIS	20	8	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	25	5	5	5	13	30
OXYNIG	0	0	0	0	0	0	4	0	1	15	5	4	0	2	0	6	0	15	0	0	0	0	0	0	0
ACODEL	5	3	0	0	0	5	0	0	9	0	3	0	0	4	12	0	3	5	0	0	4	0	0	0	1
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20	25	15	15	3	0	0	3	4	0	5
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRANIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	0	0	0	0	0	0	0	0	0	0	5	0	0	0	6	0	0	0	0	0	0	0	0	0	0
CRYPTS	0	2	0.5	4	12	65	80	55	30	15	6	12	8	5	8	45	25	25	55	20	12	0.5	6	15	8
GRASPP	0	6	0	0	35	2	0.5	6	0.5	0	0	5	0	6	20	15	0	12	0	2	4	0	0	0	0
CARSPP	55	65	25	55	60	20	12	65	45	70	30	65	80	70	50	55	25	30	18	45	95	90	80	65	55
ANEPAR	15	20	6	0	5	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
SAXFLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
LUEPEC	0	0	0	0	0	3	55	8	0	0	20	0	0	0	5	12	5	12	35	40	0	0	0	0	0
ANTANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	0	0	0	0	0	2	15
POLACU	3	0	0	0	3	15	30	5	20	12	0	0	0.5	3	0	0	12	0	3	6	12	0	5	12	8
EPILAT	0.5	0	65	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXFLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-46. Continued...

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	3	0	0	0	0
SALSPP	3	0	15	25	0	0	0	5	2	4	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
DODFRI	0	2	0	0	0	0	0	0	2	6	75	6	25	0	0	0	0	4	4	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	3	0	0	3	0	0	0	2	4	0	5	6	0	8	0	5	5	0.5	12	4	6	10
PETFRI	0	2	5	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
DRANIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	25	12	35	16	15	20	15	50	35	20	25	30	85	25	0.5	6	15	35	30	50	80	60	75	35	55
GRASPP	0.5	0.5	0	0	0	8	0.5	0	0.5	0	0.5	0	0	0	0	0	0	0.5	0	0.5	0	0	0.5	0	0.5
CARSPP	60	85	80	90	75	30	65	30	50	30	65	25	8	45	30	35	50	6	20	6	25	15	12	25	30
ANEPAR	0	15	0.5	0	12	0	0	0	0	8	0	0	0	0	5	25	6	6	8	0	15	25	40	40	45
SAXFLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUEPEC	0	0	0	20	45	0	0	12	6	4	20	0	12	0	0	15	0.5	30	10	10	0	0	2	60	55
ANTANG	0	0	0	0	6	8	20	15	6	35	12	0	0.5	25	0	0	0	0	0	0	0	0	0	0	0
POLACU	15	0	6	3	0	0	0	0	6	0	0	0	0	0	0	2	0	3	2	0	12	0	0	0	0
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0
SAXFLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACODEL	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	12	25	15	12	6	8	25	20	35	40	8	15	20	15	12
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	4	0	5	0	0	3	8	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	6	0.5
DRANIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0
VIOEPI	0	0	0	0	0	25	1	0	4	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	15	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	65	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0	0	0	0	0	0	0	35	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	85	70	35	65	70	85	60	30	12	65	30	55	75	65	20	40	35	85	10	45	50	85	90	65	30
GRASPP	0	0	12	35	6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3	2	0	0.5	0	0.5	3	0.5	0.5	0.5	0.5	2	12
CARSPP	12	6	0	0	0	0.5	0	0	0	0	5	8	2	0.5	6	3	0	0.5	0.5	3	2	0.5	8	30	35
ANEPAR	8	25	8	45	15	6	3	0	2	6	8	12	15	8	15	8	3	4	6	25	12	20	25	20	8
SAXFLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUEPEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTANG	0	0	0	0	0	0	0	0	0	0	0.5	12	3	0	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	0	4	3	0	0	0
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0.5	0.5	0	0	0	0	0
SAXFLA	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	8	20	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	4	6	0.5	0	6
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	6	12	25	30	35	40	80	55	12	65	75	80	45	30	35	20	8	5	45	50	65	25	20	6	0
DODFRI	0	0	0	5	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	30	12	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRANIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	35	15	65	30	3	0	0	15	20
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	2	0	12	0	0	0	0	0	0.5	2	0	0	0	15	12	8	2	0	0	0	3	6	15	0	8

D-46. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	35	60	20	30	75	55	25	0.5	45	30	25	45	50	40	55	12	50	85	90	85	55	30	6	4	20
GRASPP	0.5	0.5	0.5	0.5	0.5	2	8	0.5	0	0.5	0	0.5	0.5	8	25	30	15	2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CARSPP	30	20	30	6	20	8	10	25	30	45	30	3	20	2	0.5	2	12	8	6	2	3	6	2	6	8
ANEPAR	15	30	15	30	45	80	55	65	50	30	40	30	85	30	15	55	60	35	55	60	25	55	40	15	25
SAXFLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LUEPEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLACU	0	0	0	0.5	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXFLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACODEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	3	0.5	0	2	6	12	6	8	0.5	0	0	0	0	0	2	6	12	1	0	0	0	0	0	0	0
DODFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAROFF	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRANIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIOEPI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	6	35	60	25	0	0	0	4	30	12	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	25	80	65	70
ANEMUL	12	25	6	3	8	0	0	3	0	0.5	3	6	5	0	0	3	0.5	12	0	20	15	0	4	0	8

D-47. Relative abundance of species present at ALA18 - Site 47

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	0	30	60	30	30	80	100	100	95	80	90	95	99	100	95	90	93	99	100	99	95	90	40	95	100
CRYPTS	20	40	15	40	25	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	50	5	0
GRASPP	0	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	0	0	0	3	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	35	20	0	30	40	15	0	0	0	25	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
VACVIT	10	5	10	10	3	0	0	0	0	0	0	0	0	0	0	2	6	2	0	0	0	0	0	0	0
ARCRUB	15	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	6	15	10	8	10	8	0	5	12	6	20	8	3	0	8	7	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	20	15	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	100	98	50	60	40	30	75	50	100	20	5	5	0	0	0	5	3	40	70	75	65	15	30	5	0
CRYPTS	0	0	50	40	60	70	20	50	0	10	50	80	50	15	0	3	15	5	10	5	25	80	5	15	20
GRASPP	0	1	0	0	0	0	3	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1	4	2	3
CARSPP	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	10	20	25	20	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	55	85	90	80	75	75	40	30	20	0	0	0	0	0
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	3	5	10	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	3	0	0	0	0	0	0	12	5	25	10	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	68	60	75
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	2	8	95	55	15	80	100	100	90	65	100	100	100	100	100	98	85	75	90	65	60	75	100	100	100
CRYPTS	0.5	0.5	2	1	0.5	2	0.5	0.5	0.5	0.5	0	0	0	0	0	0	1	0.5	2	15	12	20	0.5	0.5	0.5
GRASPP	2	0.5	0.5	0.5	0.5	0	0	0	0	0	0.5	0	0	0	0	2	0	0	0.5	0	0.5	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	3	2	1	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTALA	0.5	6	2	6	8	0	0	0	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	90	55	0	30	60	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	12	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
PEDCAP	0	5	0	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	99	100	100	99	99	99	98	98	100	99	95	90	100	97	100	96	90	85	95	80	85	90	98	98	92
CRYPTS	0.5	0.5	0.5	0.5	0.5	0.5	0.5	2	0.5	0.5	3	10	0	2	0.5	2	8	15	6	0.5	1	6	2	2	8
GRASPP	0	0	0	0	0	0.5	0.5	0	0.5	0.5	2	1	0.5	0	0	0.5	0	0	0.5	0.5	0.5	0.5	0	0	0
CARSPP	2	0	0	4	2	2	0.5	0	0	2	0.5	0	0	3	1	3	4	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0	3	0	0	0
ANTALA	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	12	0	0	0.5	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	80	90	100	97	80	15	70	25	10	0.5	0	4	5	55	60	25	90	95	75	45	12	35	80	98	90
CRYPTS	15	0.5	0.5	2	10	0.5	2	2	20	15	0.5	2	3	4	15	0.5	5	0.5	10	12	30	8	0.5	0.5	0.5
GRASPP	0.5	0.5	0.5	0.5	0.5	0	0	0.5	0.5	0.5	0.5	0	0	0	0.5	0	0.5	0	0	0	0.5	0	0	0	0
CARSPP	0	0.5	0	1	0	0	0	0	0.5	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
VACVIT	0	0	0	0	2	3	0	0	3	4	0	12	2	1	2	0.5	0	0	8	10	6	3	4	0	0
ARCRUB	0	0	0	0	6	80	30	20	25	3	30	60	70	25	12	3	0	5	15	20	15	30	6	0	0

D-47. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALA	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	12
VACULI	12	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	10	35	15	40	55	6	25	0	0	30	6	0	0	0	0	4	3	0	0
ARNALP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	80	50	80	100	5	92	97	90	70	85	75	25	20	30	0.5	0	10	90	85	0.5	0	0	0	0	0.5
CRYPTS	0.5	2	0.5	0.5	90	6	0.5	0.5	3	2	5	10	15	20	25	80	60	0.5	8	100	100	100	100	100	100
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4	30	10	12	8	0	0	0	0	0
VACVIT	5	2	1	0	0	2	3	8	6	5	6	2	4	6	0	8	6	0	0	2	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0.5	25	15	6	55	30	65	80	20	0	0	0	0	0	0	0	0	0
ANTALA	0	12	20	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNALP	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	15	0	0	0	0	0	0
PEDCAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-48. Relative abundance of species present at ALA19 - Site 48

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	100	90	40	50	80	85	95	93	98	80	30	20	40	30	5	50	65	85	80	20	40	90	70	70	50
CRYPTS	0	1	5	10	0	10	4	5	1	15	50	70	40	40	90	50	35	15	15	40	60	10	30	10	30
GRASPP	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0.5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	2	0	0	0	0.5	0	0.5	0	0	3	20	40	20	0	0	0	0	0	0.5	0	0	0	0	0
EPILAT	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	30	20	7	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRSEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	15	5	30	20	45	30	60	50	40	5	35	40	70	30	0	0	3	5	3	20	0	35	10	10	0
CRYPTS	5	50	30	30	20	0	20	0	30	30	45	60	30	30	30	40	60	80	80	60	50	40	50	30	15
GRASPP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	3	10	5	2
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	2	0	35	80	65	90	100	80	70	75	100	65	50	100	100	50	80	50	35	45	50	40	5	5	40
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	1
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	12	0	0	0
VACULI	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
PYRSEC	0	0	0	0	0	0	4	0	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	15	20	6	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	2	0	0	0	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	0	0
ACHSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	5	10	35	6	0.5	0	12	30	25	10	30	5	25	65	55	20	0.5	3	10	20	12	80	60	30	0
CRYPTS	0.5	3	2	0.5	0.5	0.5	0.5	6	0.5	6	10	12	5	3	20	30	15	25	60	30	6	3	35	20	0
GRASPP	2	3	0	0	0.5	0.5	0.5	0	0	0.5	0.5	1	0.5	0.5	0.5	0.5	0	3	4	0.5	0.5	2	0.5	0.5	0.5
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0
SALSPP	95	80	40	65	50	75	55	75	90	100	35	0	55	4	8	45	30	15	0.5	45	4	0	0	25	45
EPILAT	0	0	0	0	3	0	0	0	0	6	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	1	8	35	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
PYRSEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	4	4	0	0	0	3	0.5	4	12	0	8	15	0	1	12	0	0	0	2
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHSIB	0	0	0	0	0	0	0.5	5	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	25	8	85	98	95	95	25	99	35	85	95	65	3	0.5	20	225	30	3	8	0.5	2	0.5	0.5	0	0
CRYPTS	3	0.5	0.5	2	2	0.5	0.5	0.5	0.5	0.5	2	3	6	2	3	0.5	0.5	0.5	2	12	4	0.5	8	0.5	0
GRASPP	0	1	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0.5	2	2	0	3	0.5
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	3	4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	30	15	35	0.5	0	0	0	0	0	0	0	35	100	100	80	100	90	100	100	85	10	20	55	100	100
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	2	2	0	0	0	0	0
PYRSEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-48. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	0	20	0	0	0	55	15	0	0	10	0	0	0.5	0	3	0.5	0.5	0.5	0	0	0	0	0	0	0
CRYPTS	0.5	2	0	0	0.5	6	0.5	25	95	90	20	2	5	0.5	0.5	8	0.5	0.5	6	0.5	12	35	0.5	0.5	35
GRASPP	2	0.5	1	3	4	0.5	1	0.5	4	0	0	0.5	0.5	0	0	0	0	0.5	2	0.5	2	0.5	0	0.5	0.5
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0.5	25	50	85	80	15	25	20	0	0	0	0	0	0	0
SALSPP	100	100	65	75	50	20	25	50	30	5	15	2	0	45	85	75	100	85	10	45	55	100	100	100	80
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
BETNAN	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	8	30	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRSEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	30	12	3	5	2	0.5	12	12	30	35	8	6	4	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	5	0	0	0	65	30	15	15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0
CRYPTS	2	20	15	55	5	55	80	65	15	55	20	20	25	12	15	20	85	50	65	40	30	25	95	18	6
GRASPP	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	6	30	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	75	0	0	0	15	30	100	100	85	60	75	25	30	25	50	80	95	80	25	0	20	15	0	0	6
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	55	30	35	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	6	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	25	35	55	65	70	35	30	75	35	85	30	60	65
VACULI	0	0	0	0	0	0	0	8	10	4	0	3	1	15	0	0	0	6	25	30	20	35	25	12	35
PYRSEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	12	0	0	0	25	15	6	0.5	2	12
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ERIACR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACHSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-49. Relative abundance of species present at ALA20 - Site 49

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	0	20	30	30	20	30	40	50	95	60	65	95	70	50	35	40	50	35	20	15	20	15	30	5	15
CRYPTS	50	80	60	65	80	65	50	50	5	5	5	5	30	50	60	50	20	25	75	85	80	70	60	85	85
GRASPP	2	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0.5	1	0.5	0	0	0	0.5	0	0	0
ARNFRI	5	0	3	0	0	0	0	0	0	35	30	0	0	0	5	4	20	7	0	4	0.5	20	40	5	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	2	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNCRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	30	35	30	15	0	0	0	0	0	0	0	0	0	0	0	0.5	30	8	4	0	0	0	0	0	0
CARSPP	0	0	0	2	0	0	3	0	0	0	0	0.5	1	0	0.5	1	0	0	0	0	0	0	0	0	0
EPILAT	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	20	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	25	12	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUPRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	2	6	10	6	0	7	5	3	15	20	30	30	20	15	35	40	60	50	45	70	70	20	60	30	30
CRYPTS	98	95	90	95	95	80	85	85	70	75	60	60	70	40	60	60	30	45	50	20	30	70	20	60	50
GRASPP	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	5	8	14	12	0	0	15	30	6	5	0.5	4	3	0	4	10	0.5	1	8	15	5
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNCRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	5	0	0
SALSPP	0	0	0	0	0	25	80	35	45	10	65	95	85	60	50	30	7	8	0.5	0	0	0	20	70	15
CARSPP	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	2	0	0
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	13	0	0	0	0.5	0	0	0	5	0	0.5	5	0	0	3	0	7	2	4	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	10	75	10	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUPRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-49. Continued...

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	85	30	75	85	95	100	100	95	100	98	97	99	85	95	70	90	5	20	0	0	0	25	35	70	95
CRYPTS	2	25	6	0.5	0.5	0.5	0.5	0.5	0.5	2	2	1	8	3	15	8	80	70	25	30	2	5	20	12	0.5
GRASPP	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0.5	0.5	0.5	1	0.5	0	0.5	0	0.5	0	0.5	0.5	0.5
ARNFRI	3	2	8	0	6	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	6	15	30	0.5
SOLMUL	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNCRI	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	30	45	80	15	0	0	0	0	0	0	0	0	35	20	25	0.5	10	3	0.5	0	0	4	0	3	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	25	60	25	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUPRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	80	35	20	80	95	70	10	60	20	0	0	0	3	0	5	15	35	15	25	80	40	85	25	4	6
CRYPTS	0.5	6	30	15	6	2	20	15	55	20	6	4	6	0.5	3	30	4	2	2	3	15	10	6	2	12
GRASPP	0.5	2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0	2	0	0	0
ARNFRI	0	2	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNCRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	12	0	20	0	0	2	3	12	8	35	40	55	50	85	75	60	30	20	8	2	2	1	20	80	20
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	1	25	30	3	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	2	0	0	0	0	0	6	2	4	55	8	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	2	3	1	1	0.5	0	0	0	0	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	4	0	2	12	4	6	8	30	6	0	0	0	0	0.5	25	5	4	35	40
DIALAP	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0
EQUPRA	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-49. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	5	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	10	12	0	0.5	25	60	25
CRYPTS	12	0.5	0.5	80	90	55	6	0.5	12	353	30	12	0.5	2	25	6	2	5	25	60	100	99	65	35	20
GRASPP	0	0	0.5	0	2	0.5	2	3	3	0	0	0.5	3	6	3	2	3	0.5	0.5	1	0	0	0.5	0.5	5
ARNFRI	0	0	0	0	2	1	0	0	2	0	0	0	0	0	0	35	3	0	0	0	2	4	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNCRI	0	0	0	0	0	0	0	0	0	0	0	2	12	45	75	45	0.5	6	0	0	0	0	0	0	0
SALSPP	25	35	55	20	4	0	0	0	6	55	40	85	15	30	8	15	20	40	20	0	4	2	8	6	25
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	3	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
VACULI	0	0	2	0	0	0	0	15	80	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPIANG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0	0	0	0	0	0	0	0	5	15	30	60	20	25	0	2	6	0	0	0	0	0	0
CASTET	0	0	0	0	0	0	0	0	0	0	0	0	3	0.5	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	6	4	3	0	8	35	25	20	5	0	4	6	5	2	3	0.5	0.5	0.5	0	0	0	0	0	0	0
DIALAP	5	20	25	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
EQUPRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	2	6	25	0.5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	0	3	0	0	0	0	0	0	0	0.5	0	0.5	0.5	4	2	4	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ASTSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0.5	5	10	6	8	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	3	6	5	12	55	85	8	3	25	70	35	5	40	50	65	90	65	15	2	12	0.5	6	8	30
GRASPP	0.5	0.5	0.5	0.5	1	0	0	0.5	0	0.5	0.5	1	2	0.5	0.5	0.5	2	0	3	12	8	2	3	1	2
ARNFRI	8	0	0	0	0	0	1	8	35	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOLMUL	0	0	0	0	0	0	0	0	0	2	0	0	0	0	8	0	1	3	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALNCRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	20	25	8	20	35	30	60	55	80	70	55	40	20	50	15	20	35	25	100	100	100	100	100	100
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EPILAT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	15	0	25	0	0	0	0	25	15	4	0	0	0	0	0	0	0	0
EPIANG	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BETNAN	0	0	0.5	0	0	0	0	0	0	1	0	0	0	0	0	12	0	0	0	0	30	0	0	0	0
CASTET	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CERARV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXTRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTUNI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0.5	0	0	0	3	1	0	0	6	15	4	2	6	8	3	2	6	2	0	0	0
DIALAP	0	0	0	0	0.5	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
EQUPRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0
PETFRI	0	0	0	0	0	15	0	15	20	0	0	0	0	0	0	0	0	0	4	6	0	0	0	3	0.5
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PYRASA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	5	8	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	3	0	2	1	0	0.5	0
ASTSIB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	30	3	4	25	35	20	8
ANTMON	45	6	0	2	2	3	12	0	0	0	3	0	0	0	0	0	0	0	0	0	15	0	0	0	0

D-50. Relative abundance of species present at ALA21 - Site 50

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	0	0	0	15	0	6	60	80	80	60	90	85	70	80	30	85	75	8	0	40	70	60	5	0	0
CRYPTS	65	80	70	65	85	85	20	0	5	30	5	0	20	5	20	4	20	80	75	30	30	40	30	50	50
GRASPP	1	2	3	0	0	0.5	0.5	3	2	0	0.5	0.5	0	0	0	0	0	0	0.5	0	0	0	0	0	1
SENLUG	8	2	12	3	3	2	5	0	4	8	0	0	6	2	0	2	0	0	4	2	0	0	0.5	3	8
POTFRU	5	12	14	11	10	20	7	7	4	8	12	10	12	0	7	1	0	0	0	0	0	0	0	0	0
SALSPP	8	10	8	18	7	10	10	0	0	4	0	0	0	6	35	5	15	10	20	15	1	0	10	30	35
POLVIV	2	8	8	2	8	5	5	5	2	0	0	4	4	6	4	2	0	0	0	0	0	0	1	4	6
LEDPAL	5	0	0	15	8	0	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	1	5	0
CARSPP	12	8	5	3	13	15	14	5	0	3	0	0	4	5	6	0	0	8	10	5	2	5	2	4	0
ARTARC	0	4	3	3	0	10	10	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0
ANTMON	0	8	20	3	15	0	0	0	0	4	6	0	0	0	3	2	0	10	7	0.5	0	8	15	15	6
ANEMUL	14	8	8	0	0	5	3	5	5	0	0	6	0	0	0	0	0	0	0	0	0	0	2	0	0
VACVIT	0	0	0	7	0	0.5	0	0	2	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	3	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	5	15	0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	5	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	20
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
PEDSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	20	50	65	2	10	0	15	70	50	50	65	35	40	20	0	0	0	0	0	0	0	10	0	0	5
CRYPTS	30	5	30	60	40	30	45	20	20	10	20	30	15	60	70	80	50	50	70	60	60	20	10	20	0
GRASPP	0.5	0	1	0	0	0	2	0	0.5	0	0	0	3	0	1	2	0	0	0	0	0.5	0.5	2	0	1
SENLUG	0	2	0	0	0	2	2	2	3	0	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	45	25	5	20	15	20	30	15	20	20	8	35	30	30	30	20	20	30	30	30	35	30	35	25	0
POLVIV	0	2	1	0	1	2	0	2	0	0	1	0	0	1	3	3	0	6	10	1	6	5	5	0	7
LEDPAL	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	15	30	0	0	0
CARSPP	15	8	2	20	10	8	4	5	4	4	3	5	10	12	15	15	8	10	6	7	10	10	5	5	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	4	4	0	0	0	0	5	0	5	5
ANTMON	0	8	0	0	0	0	2	0	0	0	0	0	6	20	4	10	0	0	0	0	1	0	8	5	5
ANEMUL	0	0	0	0	0	6	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	5	5	15	1	0	3	3	0	6	3	0	0	2	8	0	5	20	15
PEDKAN	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	8	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	20	30	30	30	20
DIALAP	3	13	0	0	0	0	2	0	0	0	0	5	0	0	0	0	20	0	0	0	0	0	0	0	0
VACULI	0	0	10	5	12	3	0	0	0	0	0	0	0	2	25	30	5	10	5	5	0	0	3	10	0
CAMLAS	0	0	0	3	8	0	0	0	5	0	0	0	0	0	2	3	4	4	0	0	10	0	0	5	0
PEDSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	8	5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	4	10	10	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	30	5	5	0	20	5	10	30
SEDRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	65	40	0	10	30	85	90	20	4	25	10	70	98	100	99	95	100	95	95	35	20	90	90	90	50
CRYPTS	0.5	0.5	12	15	20	8	2	6	0.5	5	8	3	2	0.5	0.5	2	0.5	0.5	0.5	2	0.5	2	1	2	15
GRASPP	0	0	0	0.5	0	0.5	0.5	0.5	0	0	0	0	0.5	0.5	0	0.5	0	0	0	0	0	0	0	0	0
SENLUG	0	0	0	0	0	0.5	0.5	4	0	0.5	3	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	0	0	0
SALSPP	0	0	4	2	18	1	4	85	90	75	80	30	2	0	0.5	2	0.5	2	4	8	15	8	10	4	2
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	4	3	5	4	1	0	2	0	0	0	6	1	0	0	1	0	0	3	6	12	8	0	3	1	12
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	2	3	4	0	2	0	0	0	0	0	0	0	0	2	0	0.5	0	0	0.5	0	2	0	4
ANEMUL	2	12	0	2	0	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	3	0.5	3	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0
PEDKAN	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	12	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	6	4	6	6	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-50. Continued...

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0.5	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	5	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	8	4	3	2
SEDRUB	0	0	2	0.5	2	0	0	0	0	0	0	1	0	0	0.5	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	90	0.5	30	75	90	30	80	0.5	90	98	95	50	25	12	0.5	0	15	0	0.5	0	0	0.5	2	0	0
CRYPTS	2	20	25	15	3	35	15	6	5	2	3	3	8	25	20	20	2	8	55	0.5	4	30	12	2	15
GRASPP	0.5	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0.5	0	0.5	0.5	0	8	6	0.5	0.5	0.5	0.5
SENLUG	0	0	0.5	3	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	2	20	0	0	0	2	2	0	0	4	4	1	8	0	20	15	20	8	4	25	20	20	18	35	55
POLVIV	0	0	0	0.5	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	12	4	4	3	0	0.5	0.5	25	6	0	0	6	0	3	0.5	4	2	6	3	12	8	6	4	9	12
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	3	0	0	2	0.5	6	2	2	2	0	0	0.5	0	2	0	0	0	0	0.5	0	0	6	4	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	2	2	0.5	0	0	0	0	2	3	2	0	0	0	3
VACVIT	0	0	0	2	0	0	0	0	0	0	0	0	0.5	0	0	4	2	0.5	0.5	0	3	0	8	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0.5	0	0	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	0	0	0	0	0	0
VACULI	0	2	4	6	0	0	0	2	0	0	6	1	0	0	6	2	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	30	25	4	0	0	0	0.5	30	12
SEDRUB	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	15	60	90	98	75	80	85	80	90	60	30	6	0	65	2	0	25	85	99	100	80	100	90	100	100
CRYPTS	35	2	3	2	2	1	12	15	2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0
GRASPP	0	0	0	0	0.5	0	0.5	0	0.5	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0.5	0.5	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	40	25	12	0	0	0	0	2	20	15	35	85	90	3	0	0	0	0	2	2	0	0	0	0	0
POLVIV	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	3	8	10	0.5	0.5	4	8	4	0	3	6	12	20	5	35	75	12	3	0	0.5	25	8	20	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	2	0	0	30	20	0	6	8	3	5	30	35	0	20	0	0	3	1	0	0	0	3	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	2	0	0	0	0	5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0
PEDSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0.5	2	0	3	2	4	5	20	35	0	0	0	0	0	0	0	0
ANEPAR	2	0	0	0.5	0	0	0	0	1	0	1	0	0	6	4	12	0	15	5	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	100	100	95	0	0	10	95	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
CRYPTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0
SENLUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POTFRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LEDPAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	2	8	90	99	75	8	0	0	0	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0
ARTARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTMON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEMUL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-50. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANEPAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLBIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOIPRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-51. Relative abundance of species present at ALA22 - Site 51

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	40	20	65	80	75	30	20	75	45	65	30	5	10	10	95	98	100	100	80	85	30	15	10	30	30
CRYPTS	5	20	10	0	5	5	20	15	20	15	5	25	15	20	2	0.5	0.5	0.5	5	8	20	25	15	20	25
ANTALA	4	2	0	0	0.5	15	6	2	1	1	0	0	0	0	0	0	0	0	0.5	4	3	5	8	2	12
DRYINT	0	2	5	1	6	0.5	0	2	1	0	0	25	2	16	0.5	0.5	0	0	0	0	0	0	0	20	3
GRASPP	2	0.5	0	0	0	0	0	0	0	1	5	0.5	10	0.5	0	0	0	0.5	5	0	0	0	1	0	0
CARSPP	0	3	0.5	2	2	0	0	20	15	6	0	0	0	0	0	0	0	0	0	0	4	4	12	0	0
DIALAP	0	0	8	10	2	0	0	30	10	0.5	50	40	65	15	5	0.5	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	25	0	0	0.5
POLVIV	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0.5	2	0	0	0	0	0
SALSPP	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	2	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	65	40	80	95	90	20	75	20	75	100	70	70	85	60	20	55	5	40	70	30	30	25	5	20	45
CRYPTS	8	10	5	0.5	5	15	5	0.5	0.5	0.5	6	2	10	5	20	35	15	6	5	10	3	20	35	15	10
ANTALA	8	2	1	0.5	0	0	0	0	0	0	4	10	6	8	0	1	25	15	6	1	0.5	0	0.5	0	0
DRYINT	0	2	5	0	0	6	15	0.5	0	0	0	0	6	45	20	40	35	5	0	0	10	30	20	15	40
GRASPP	0	0	0	0.5	0	0	0.5	0	0	0	0	0	2	1	0.5	0	0	0	4	5	1	1	0	2	0
CARSPP	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	8	0	3	0	0	0	3	0.5	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
SALSPP	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	15	35	6	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	30	35	20	65	90	98	85	80	55	20	35	65	60	25	75	75	85	70	35	40	15	5	55	70	35
CRYPTS	2	15	8	0.5	0.5	1	6	12	45	20	2	12	40	0.5	0.5	2	15	10	6	3	20	15	6	1	10
ANTALA	0	0	0	0	0	0	2	6	0	0	0	0	4	8	1	3	0	0	0	0.5	0	1	1	6	0
DRYINT	1	3	0.5	0	0	0	2	8	25	15	8	0	0	0.5	0	0	2	0.5	6	0	0	3	0	0	0
GRASPP	0.5	0	0	0.5	0.5	0	0	0	0	0	0	0.5	0.5	0	0	1	2	0	0.5	0	0	0	0	0	0
CARSPP	0	4	0	0	0	0	0	5	0.5	0	0	0	0	0	0	0	0	0	12	121	4	0	0	5	0
DIALAP	0	0	0	2	0.5	4	0	0	0	0	0	25	30	15	15	2	6	0	0	0	0	0	20	15	25
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	0	0	0	0.5	6	35	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	12	2	0	0	0	0	0	0	25	0	1	0	0.5	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	40	90	45	12	75	85	98	100	90	100	95	65	70	85	40	55	90	15	35	100	98	80	75	60	80
CRYPTS	0.5	20	0.5	0.5	2	0.5	0.5	1	0.5	0.5	4	10	0.5	15	8	0.5	0.5	1	1	0.5	0.5	1	1	2	1
ANTALA	0	10	15	0	0	0	0	0	0	0	1	3	8	0	0	0	0	0.5	0	0	0	0	0	0	0
DRYINT	0	20	10	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	12	10	35	0.5	0	0	0
GRASPP	0	0	0	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0
DIALAP	0	0	50	0.5	0.5	0	0	0	0	0	0	0	0	30	25	0	0.5	65	50	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	6	0	0	0	0	0	0	0	0	10	0.5	0	0	0	1	0	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	35	85	70	90	75	60	60	25	90	80	65	75	12	35	50	0	15	65	80	75	95	98	60	35	70
CRYPTS	5	2	10	0.5	0.5	15	2	0.2	0.5	0.5	3	5	20	25	4	20	3	2	0.5	0.5	0.5	0.5	2	6	4
ANTALA	0	3	2	2	0	6	4	0	0	0	0	1	0.5	0	0	0	2	2	1	6	0	0	0	3	0
DRYINT	0	0	0	0	4	10	60	35	0	0	20	8	55	0	0	0	0	0	0	0	0	0	10	2	15
GRASPP	0	0	0	0	0	0.5	0.5	2	0.5	0	0	1	3	0.5	0.5	0	0	0	0.5	0	0	0	0	0	0
CARSPP	0	0	0	0	2	0	0	0	0	4	1	6	0	0	5	3	1	1	0	0	0	0	2	0	0
DIALAP	20	0	2	1	0	0	0	0	0	0	0	0	0	0	0.5	0.5	35	0.5	0	0	0	0	0	0	0

D-51. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	15	5	20	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARNFRI	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0	0	0	0	0	0	2	75	10	15	55	30	60	95	12	10	25	12	60	75	80	2	0.5	5	3
CRYPTS	75	60	85	40	90	65	8	0.5	20	2	12	10	5	0.5	8	60	15	25	4	0.5	1	12	3	3	30
ANTALA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0.5	1	0	0	0	0	0	0
DRYINT	0	0	0	0	0.5	1	25	15	0	0	0	0	2	0.5	20	40	35	40	10	0	0	0	0	0.5	0.5
GRASPP	0	0	0	0	1	0.5	0.5	0	0	0	0	0	3	0	0	0	0	0	0	0	0.5	0.5	0	0	0
CARSPP	0	0	0	0	0	0	0	3	0	0	3	0	0	0	12	0	0	2	0.5	0.5	0	0	5	1	0
DIALAP	0	20	5	50	0	0	60	0	55	10	40	0	0	0	0	0	0	0	0	0	10	12	35	30	45
OXYNIG	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	2	10	10	30	0	6	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	20	25	15
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-52. Relative abundance of species present at ALA23 - Site 52

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	15	15	0.5	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0.5	0	0	3	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	30	5	10	85	90	40	20	95	80	45	65	30	10	30	85	98	10	10	15	70	45	85	80	95	70
CARSPP	0	0	0	0	0	0	0	0	0	0	2	2	0.5	0.5	0	0	5	0	0	0	20	0.5	2	0	0
DIALAP	30	12	45	0.5	0	0	0	0	0	0	0	2	15	15	0	0	6	0.5	2	2	0	0	0	3	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0
MINARC	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	12	10	15	6	2	25	12	0.5	55	10	10	12	20	12	0.5	0.5	5	5	30	2	6	0	5	0.5	5
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
SALSPP	0	0	0	0	0	0	0	2	0.5	0.5	8	12	0	0	0	0	5	0.5	20	0	0	0	0.5	0	3
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
ANTALA	0	0	2	1	1	5	0	0	0	0	2	1	2	0.5	0	0	12	15	0	0	0	0	0	1	5
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	70	100	65	20	85	85	100	100	75	25	60	30	80	85	40	12	5	30	95	100	100	80	60	45	30
CARSPP	10	0	1	8	0	3	0.5	0	0	0	5	12	0	0	3	5	3	3	0	0	0	0.5	2	0.5	0.5
DIALAP	0	0	0	0	0	0	0	0	8	0	0	0	0	0	2	12	5	8	0	0	0	0	0	0	0
DRYINT	0	0	2	30	5	0	0	0	0	10	1	15	0.5	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	2	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0
MINARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	5	0.5	8	10	2	0.5	0	0	2	15	10	20	1	1	0.5	20	35	10	0.5	0.5	0	5	5	10	12
OXYNIG	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
ANTALA	0	0	0	0	0	0	0	2	0	6	0.5	0	0	0	0	3	1	2	2	0	5	0.5	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0
BARGRO	35	85	90	5	85	60	40	55	90	5	80	99	70	85	90	70	75	80	65	85	65	50	45	55	30
CARSPP	0	6	1	5	0.5	0	0	0	0	0	0.5	0.5	12	15	0.5	0	0	1	0	8	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	1	3	5	8	0	4	6	0	0	0.5	0.5	0	0	2	0	0	0	0	0	0	0	0
GRASPP	4	2	0	8	0	0	0	0	0.5	1	2	0	6	0	0	1	1	0	0.5	0.5	0	0	0.5	3	0.5
MINARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	6	3	0.5	30	2	6	50	12	0	70	1	0.5	0.5	0	0	6	2	1	15	0.5	3	6	20	18	8
OXYNIG	0	0	0	0	0	0.5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	4	12	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
ANTALA	0	0	2	0	0	8	1	0	0	0	0	6	0	0	0	0.5	0.5	3	0	0	0	0	0	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	95	60	45	85	70	75	100	100	98	100	90	85	90	90	55	50	30	45	80	12	15	35	35	60	50
CARSPP	1	0.5	0	0	0	1	1	0	0	0	0	0.5	3	0.5	0.5	0	0	4	2	0	0	8	1	1	0
DIALAP	0	0	1	10	2	0	5	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	5	0.5	0	0	0	0	0	0
MINARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	0.5	2	5	0.5	3	0.5	0.5	0	0.5	0.5	1	2	2	3	5	12	8	0.5	2	2	0.5	3	0.5	0.5
OXYNIG	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	0
VACVIT	0	0	0	2	2	0.5	2	0	0	0	0	0	0	0	0	0	0	0	0	1	20	25	5	15	15

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
ANTALA	0	0	0	1	2	0	0	12	15	6	1	0	0	0	0	0	0	2	2	0.5	0	4	1	2	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	90	90	85	40	55	30	65	12	25	80	90	98	100	98	100	100	85	85	90	75	60	70	85	80	75
CARSPP	2	0.5	0.5	0	0	0	0	5	6	0.5	0	0	0	0.5	0.5	0	0	2	0	0	1	1	3	0.5	2
DIALAP	0	0	0	2	5	8	0.5	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	2	1	2	4	0	0	0	0	0.5	0.5	0	0	0	0	0.5	0.5	1	1	0.5	0	0	0	0

D-52. Continued...

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
MINARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	2	2	15	20	25	10	2	2	0.5	0.5	0.5	0	0.5	0.5	0.5	1	2	4	4	0.5	1	2	0.5	0.5
OXYNIG	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	3	3	0.5	2	0.5	0.5	0	0		0	0	0	0	0	3	2	0	0	0	0
VACVIT	0	0	0	0	0	0	5	6	3	0	0	0	0	0	0	0	0	0	0	3	2	8	1	0	0

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
ANTALA	0	1	8	0	0	0	0	0	0	0	5	5	0	0	0	3	0.5	0	0	0	4	0.5	0.5	0	0
ARNFRI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARGRO	80	60	35	15	70	75	95	35	20	75	75	80	100	98	45	65	30	10	25	40	60	35	80	75	80
CARSPP	0	0	0	20	12	0	0	0	0	2	2	0	0	0	0	1	8	20	0.5	0	0	0	0	1	1
DIALAP	2	10	25	30	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0.5	0	0	0	0.5	0	0.5	0	0	0	0.5	0.5	0	2	0	0	0	1	3	1	0	0	0	0
MINARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTS	0.5	0.5	2	8	3	0.5	0.5	8	15	5	10	0.5	0.5	0.5	0.5	2	2	15	20	10	5	8	0.5	2	2
OXYNIG	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
POLVIV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	15	10	0	12	0.5	0	0	0	0	0	0	0	5	2	10	0	0	0	1	3	8	0.5	0.5
VACVIT	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8	5	8	0	0	0	0	0

D-53. Relative abundance of species present at ALA24 - Site 53

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	25	40	8	15	15	65	40	35	15	10	10	0	0	0	0.5	20	8	45	40	15	12	5	35	10	60
CRYPTS	30	20	65	40	55	10	20	60	65	80	85	100	100	100	95	55	60	30	35	75	80	85	60	50	15
ANTALA	0	0	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
EMPNIG	0	0	0	0	20	12	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	15	10	5	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	15	2	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	30	2	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	0.5	10	2	0	0	0.5	5	20	5	15	0	12	10	0	0	0	0	0	45	10	60	15	60	0.5	0.5
CRYPTS	80	60	75	100	98	85	20	30	70	50	90	30	45	70	70	50	100	100	30	65	10	20	45	75	80
ANTALA	0	0	0	0	0	5	8	10	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	5	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0.5	0	2	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0.5	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0.5	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	15	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	0.5	20	45	0	0	5	5	10	40	25	55	0.5	10	40	35	30	40	15	10	0.5	0	12	30	70	65
CRYPTS	90	30	25	98	98	70	85	75	15	55	20	15	15	30	12	25	45	50	65	90	98	35	20	30	25
ANTALA	0	0	0	0	0	5	1	1	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	3	0.5	0	0	0	0	2	2	0	0	0	0	0	1	0.5	0	0	0	0	0
GRASPP	0	0	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	30	25	0	0	15	0	0	0	0	0	0	10	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	100	40	55	65	30	45	12	20	20	10	0.5	0	0	0	0.5	0	0	0	0	0	0	25	30	12	5
CRYPTS	0	20	10	15	2	12	35	15	0.5	65	98	100	75	80	88	100	100	100	98	100	100	45	20	65	80
ANTALA	0	0	0.5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	0	0
DIALAP	0	0	0	0	0	10	10	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	3	0.5	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0
GRASPP	0	0	0	0	3	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0.5	2
DRYINT	0	0	2	0	0	0	35	12	40	0	0	0	0	0	5	0	0	0	0	0.5	0.5	20	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	8	10	1	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	90	95	65	80	75	100	98	98	65	50	75	70	98	85	98	85	90	55	60	55	80	45	65	75	40
CRYPTS	90	95	65	80	75	100	98	98	65	50	75	70	98	85	90	55	60	75	30	55	80	45	65	75	40
ANTALA	0	0	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	8	10	0	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	8	5	2	0	0	0	0	0	15	20	0	0	0	0	0	0	5	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	0	0.5	0.5	0	2	0.5	0	0	0	0	0.5	0.5	0	0	0	0	3	0.5	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0.5	20	15	0	0	0	30	12	25
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0

D-53. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0.5	0.5	10	0	0	0	2	15	0.5	40	10	0.5	0.5	0	20	0	5	5	0	10	15	0	5	25	10
CRYPTS	95	75	55	100	95	100	80	60	55	35	60	90	95	75	55	100	80	85	98	60	65	30	75	40	65
ANTALA	0	0	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0.5	5	0	0	0	0	0	0	0
EMPNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACULI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0.5	0.5	4	0.5	0	0
GRASPP	0	2	2	0	0.5	0	0.5	0	0	0.5	2	0	0.5	0.5	0	0	0.5	1	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	8	20	30	15	12	0	0	10	12	0	0	0	0	0	0	0	0	20	15
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEDKAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D-54. Relative abundance of species present at ALA25 - Site 54

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	20	45	30	85	70	45	20	100	55	20	35	60	45	15	20	10	15	45	80	30	45	20	35	0	12
ANTALA	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0	2	10	10	0	0	0
OXYNIG	0	0	0	0	0	1	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	15	15	5	20	14	12	0	30	45	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	5	5	2	0	0	0	2	0.5	0	0	0	0	0	0	0	2	0.5	0.5	0	0	0	0	0	0
GRASPP	0	0	0	0	0	2	0	0	0	0	5	0.5	0.5	0	0	0.5	0	0	0	0	0	4	0.5	0	0.5
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	2	2	20	0.5	12	0	0	0	0	8	0	0	0	0	0	15	10	0	0	0	0	0	0	0	0
SALSPP	0	0	0	0	0	0	0	0	0	0	0	40	8	10	30	0	0	0	25	5	10	0	0	0	0
CRYPTS	70	10	45	5	8	20	60	0.5	0.5	20	50	5	15	30	5	45	60	80	30	5	40	20	80	100	85

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	55	30	20	15	5	0	1	10	55	15	33	20	0.5	10	15	30	35	5	2	10	45	40	60	15	20
ANTALA	0	0	0	0	2	0	0	0	0	0	10	15	0	0	20	0.5	5	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	2	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0.5	3	10	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	5	0	0	0	0	5	2	10	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	1	2	0.5	0.5	0	0	0	3	0	0	0.5	0.5	0	0	0	0	5	5	2	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	12	10	0	0	0	0	0	40	5	55	25	8	0	0	0	0.5	0.5	10	0	15	0	0	0	0	0
SALSPP	0	0	25	10	10	0	0	8	0	0	15	10	20	8	40	0	0	0	0	0	0	0	10	12	45
CRYPTS	15	45	30	65	90	98	90	25	30	10	10	40	65	70	15	50	40	85	90	70	30	30	20	55	10

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	55	0.5	80	40	45	12	20	65	90	20	5	10	70	70	40	35	0.5	0.5	0	0	0	20	35	20	55
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	10	0.5	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	2	0.5	0	0	0	0	0	12	10	0	0.5	0	0	0	0	0	8	10	0	0	0	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	15	12
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRASPP	5	2	0.5	0	0.5	0.5	0.5	0.5	1	2	2	0.5	0	0	0.5	2	0.5	0	0	0	0.5	0.5	0	0	0
CAMLAS	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALSPP	3	5	0	20	30	15	45	10	0	40	35	15	15	12	25	8	55	45	10	30	25	5	0	30	15
CRYPTS	15	30	5	20	20	60	15	0.5	0.5	5	20	35	8	10	12	20	8	12	60	45	30	65	20	20	10

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	10	0.5	10	15	5	80	60	5	10	5	20	0	90	70	30	2	10	60	50	50	80	100	100	55	60
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	8	10	0.5	0	0	0	0	0	0.5	5	0	0	0	2	2	0	0	0	0	0	0	0.5	0
DIALAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	10	25	30	0	0	0	0	0	0	0	5	12	8	0	0	0	0.5	0	10	2	10	0	0	0	0
CARSPP	2	5	3	3	0	0	0	0.5	0	2	4	0	0	51	1	0	0	2	0.5	0.5	0	0	0	0	0
GRASPP	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0.5	0.5	0	0.5	0	0.5	0.5
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	1	10	8	15	0.5	30	20	0	0	0	0.5	25	20	0	0	2	0	0	0	0.5
SALSPP	0	40	25	50	30	8	15	25	40	55	10	55	8	12	45	20	30	15	25	30	5	0	0	10	15
CRYPTS	70	20	30	20	60	0.5	10	55	20	30	25	10	0.5	5	20	65	30	8	10	12	0.5	0.5	0.5	20	5

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	65	30	25	15	8	75	30	45	33	20	15	10	12	40	30	60	25	75	75	90	55	30	10	15	35
ANTALA	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
OXYNIG	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	12	20	5	5	2	0	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARCRUB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	2	0	2	0	0.5	0.5	0	8	0.5	0	0.5	10	12	0	1	0.5	0.5	0	0.5	0	3	0.5	0.5
GRASPP	0.5	0.5	0	0	0	2	2	0.5	0.5	0	0	0.5	0	0.5	0.5	0	0	0.5	0.5	0.5	1	2	0.5	0	0.5
CAMLAS	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	10	5	5	0.5	0	0	0	0	0	15	10	5	0	2	2	0	15	0	0	0
SALSPP	8	0	20	25	0.5	5	15	15	40	10	30	35	10	0.5	0	20	30	6	10	3	0	0	0	12	5
CRYPTS	10	45	30	45	80	10	35	20	20	40	55	60	80	25	40	8	35	12	5	0.5	20	40	85	60	55

D-54. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	35	40	10	65	15	30	20	12	85	60	40	55	10	15	35	70	45	30	0	0	0	40	90	15	10
ANTALA	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0.5	0.5	5	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VACVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIALAP	0	0.5	0.5	0	25	0	0	0	0	15	2	1	1	0	0	0	0	0	0	0	0	0	2	2	1
ARCRUB	5	12	15	2	10	5	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARSPP	0	0	0	0	0	0	0	0	0	0	0	0.5	4	2	0	0	5	0	0	0	0	3	0	0	0
GRASPP	0.5	2	2	0.5	0	0.5	0	0.5	0	3	1	1	0	0	0.5	0	0	0.5	0	0	0.5	0	0	3	0.5
CAMLAS	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRYINT	0	0	0	0	0	0	3	0	0	0	2	0	0	0	10	0.5	25	0	0	0	0	3	5	15	8
SALSPP	30	25	15	10	10	20	18	30	0.5	20	45	20	0	0	0	10	0	15	0.5	0	0	0	0	20	15
CRYPTS	20	15	55	20	35	40	45	50	10	0.5	5	15	80	85	50	10	20	35	100	100	98	50	0.5	45	60

D-55. Relative abundance of species present at ALA26 - Site 55

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25
BARGRO	20	60	45	30	5	40	90	85	90	75	60	20	85	100	98	45	50	90	85	35	10	20	60	45	30
CRYPTS	70	10	25	35	60	20	0.5	10	10	5	8	55	10	0.5	0.5	40	35	2	10	40	75	60	15	40	40
ANTALA	0	0	0	3	2	10	0	0	0	0	0	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0
SALSPP	3	6	20	10	10	0	0	0	0	0	25	20	0	0	0	8	10	0	5	20	12	0	15	12	10
GRASPP	0.5	0.5	0	0	0.5	0.5	0.5	0	0.5	0	0.5	0.5	1	0.5	0	0	0.5	0	2	0.5	0	0.5	0.5	0	0
CARSPP	0	0	0	1	1	0.5	0	0	0.5	0	0	0.5	0	0	0	0	3	1	0	0	4	0	0	2	5
DRYINT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43	A44	A45	A46	A47	A48	A49	A50
BARGRO	20	65	30	45	2	0	0	0	0	0	20	95	40	65	30	15	85	5	5	0	0	20	55	25	60
CRYPTS	55	10	45	40	85	100	100	98	100	75	60	2	45	10	50	55	10	70	85	75	60	45	30	50	12
ANTALA	0	2	5	0	0.5	0	0	0	0	0	0.5	0	0	1	3	3	0	0	0	0	0.5	0	0	0	0
SALSPP	15	8	0.5	0	0	0	0	0	0	6	12	0	2	20	10	20	0	8	0	0	0	0	0	0	0
GRASPP	0	0.5	0	0.5	0	0.5	0	0.5	0	0.5	0.5	0.5	5	0	0.5	0	0.5	0	0.5	0	0	0.5	0.5	0.5	0.5
CARSPP	0	0	0	0	3	2	0	0	0	0.5	0	0	0	0	0	3	3	1	0	0	0	0	0	0	0
DRYINT	0	0	5	0	0	0	0	0	0	12	0.5	0	10	0	0	0	0	5	8	10	25	30	0	5	20
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25
BARGRO	8	20	15	10	10	0	40	55	40	30	15	45	10	30	8	75	20	8	20	60	55	0.5	15	30	10
CRYPTS	40	35	60	80	75	98	35	10	15	35	65	20	80	45	55	2	30	60	45	10	12	85	40	35	75
ANTALA	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	3	0	0	0	0	0	0
SALSPP	10	30	10	0.5	10	0.5	0	30	40	8	5	0	0	0	20	0	35	0	0	15	15	0	12	10	3
GRASPP	0	0.5	0	0.5	0	0.5	0.5	2	0	0	1	1	5	0	0.5	0.5	0	0	0	0.5	2	2	0.5	0	0.5
CARSPP	0	0	0	0	0	0	0	0	0	0	5	0.5	0	0	2	2	0.5	0.5	0	0	0	0.5	0	0	0
DRYINT	0	0	0	5	5	0	3	10	0	25	0.5	20	0	10	0.5	12	0	0	30	0	0	0	5	15	2
OXYNIG	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	3	0.5	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44	B45	B46	B47	B48	B49	B50
BARGRO	15	0.5	30	12	0.5	0.5	5	10	20	35	90	85	15	8	2	45	55	10	30	0.5	2	55	8	30	35
CRYPTS	60	98	40	55	98	60	10	20	55	10	0.5	0.5	45	60	65	12	20	25	10	45	30	0.5	60	15	0.5
ANTALA	0	1	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0
SALSPP	0	0	8	20	0	10	0	10	5	0	0	0	8	10	0	30	10	10	2	30	25	0	10	0	0
GRASPP	0.5	0.5	0	2	0	0	0.5	0.5	0.5	0.5	0	1	3	0	0	0	2	2	0.5	0	0	3	0.5	0.5	0.5
CARSPP	0.5	0	0.5	0.5	0	0	2	3	0.5	0	0	0.5	5	0.5	0	3	0	0	0.5	0.5	2	0.5	0	0	0.5
DRYINT	30	5	15	0	0	25	60	30	0	45	0	15	10	10	25	6	0	25	40	10	18	35	0	40	45
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
BARGRO	65	70	30	95	15	35	55	0.5	5	0.5	10	60	45	10	20	50	30	85	90	40	12	15	10	5	5
CRYPTS	10	10	55	0.5	65	30	40	98	75	95	60	20	35	80	35	40	25	10	5	30	65	40	60	85	70
ANTALA	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	2	0	0	0
SALSPP	0	5	0.5	0	10	10	0	0	3	0	5	5	0	1	5	5	0	0	0	15	20	35	10	0	0
GRASPP	0	0.5	0.5	0.5	0	0.5	0.5	0.5	0	0.5	0.5	0	0	0.5	0.5	0.5	0.5	0	2	0.5	0.5	0	0.5	0.5	0.5
CARSPP	0.5	0	0.5	0.5	0.5	0	3	0	0.5	0.5	0	0	0	4	2	0.5	0.5	0	0	0	0	0	0	1	0.5
DRYINT	8	10	10	0	3	20	0.5	0	2	0	20	8	8	0	30	0.5	40	0	0	0	0	0	8	2	15
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	1	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0.5
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.5	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	3	0.5	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0

D-55. Continued...

	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40	C41	C42	C43	C44	C45	C46	C47	C48	C49	C50
BARGRO	0.5	0.5	5	40	65	80	98	30	65	40	10	20	25	60	35	0.5	5	5	20	50	75	80	35	20	5
CRYPTS	80	80	60	30	20	10	0.5	0	20	45	60	75	60	10	40	98	65	80	12	15	10	10	40	50	75
ANTALA	1	0.5	3	0	0	0	0	0	0	0	15	0	0	0	0	0	0.5	0	0	0	0	0	2	2	1
SALSPP	0	0	0	10	5	0.5	0.5	0	5	0	0	0	10	25	12	0	15	0.5	55	0	2	0.5	0	0	0
GRASPP	0	0.5	0	0.5	2	0.5	0	0	0	0	0	0	0.5	0.5	0	0.5	0.5	0	0	0.5	0.5	0	0	0	0
CARSPP	0.5	0.5	5	0.5	0	0.5	0.5	0.5	12	0.5	0.5	0.5	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	2	2
DRYINT	10	10	8	0	1	2	0	0	0	10	5	0	0	0	0	0.5	0	0	0	30	10	10	15	12	5
OXYNIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SAXOPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STELON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANENAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0